



## NORTHERN ROCKIES COORDINATING GROUP

### NORTHERN ROCKIES COORDINATING GROUP (NRCG) INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK AMENDMENT

#### CHAPTER 20 – ACQUISITION

**Supplement No:** NR-2011-7

**Effective Date:** April 6, 2011

**Duration:** Effective until superseded or removed

**Approved:**

*/s/ Cory Winnie*

**CORY WINNIE**  
**Chair**

**Posting Instructions:** Post by document, remove the entire document, and replace with this supplement. Retain this transmittal as first page of document. The last supplement to the Northern Rockies Supplements was NR-2010-3.

|   |                                      |          |
|---|--------------------------------------|----------|
| <b>New Document</b>   | NR-2011-7                            | 63 pages |
| <b>Superseded Document(s) by Issuance Number and Effective Date</b> | NR-2010-3 (NWCG HB2_20)<br>(3/23/10) | 64 pages |

## **Digest:**

### **20.01-1** – Updates federal agency information.

#### **24**

- Rates set in 2009 will stay in effect until 2012 (3 years).
- Update to BLM Montana/Dakotas use of communication devices while driving.
- Added and updated contract information
- Updated naming convention of Super Skidgines to Typed Skidgines
- NOTE: The following items are under a Regional or National Solicitation and the list generated for this solicitation should be the first source of supply. The lists generated for these items are hosted at the various host Dispatch Centers and posted on the NRCG website. For exceptions to this policy on lands protected by the State of Idaho, See Chapter 50, Interagency Cooperative Relations, 51-Exhibit 02- State of Idaho, section 24.3-2, 2. page 9.

Bus, Crew Carrier  
Caterer, Type 3  
Crew, Type 2 IA  
Dozer  
Engine  
Excavator  
Faller Module  
GIS Unit  
Handwashing Station, Portable  
Mobile Laundry  
Office, Clerical Support Module  
Pumper Cat  
Sack Lunch  
Skidgines  
Soft Track  
Tender, Water (Support)  
Tent/Canopy  
Toilet, Portable  
Trailer, Communication  
Trailer, Helicopter Support  
Transport  
Transportation, Rental Vehicle  
Truck, Gray Water  
Truck, Mechanic/Service  
Truck, Potable Water  
Weed Wash

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## **20.01-1 – Delegations of Procurement Authority**

Ratification of unauthorized commitments is agency specific. Federal ratification authority is limited to the Chief of the Contracting Office.

Federal procurement officers and State representatives who receive assignments to incidents may sign up and administer agreements under their own authority, as well as assist in administering the terms and conditions of Emergency Equipment Rental Agreements (EERA), OF-294, signed by other procurement officials. Changes or modifications to EERAs/I-BPAs shall be made only by the original signing procurement official.

## **24 - ACQUISITION METHODS**

### **24.1 - Government Charge Cards and Convenience Checks**

In accordance with agency procedures, direction should be given regarding use of purchase cards and convenience checks. Agencies are authorized to restrict or limit use.

### **24.2 - Land Use and Facility Rental Agreements**

The rental of bare land and facilities for fire purposes requires the same degree of good business judgment, including reasonable price determinations, as any other procurement action. In making the determinations, as to price fairness, consideration should be given, but not limited to, the following items: Fair market rental rates for land in the area; costs to the landowner, such as moving of stock, loss of rental fees from other sources, disruption; alterations needed and who will make them; impacts on the land, costs of restoration, and who will do the restoration work; duration of rental, (emphasis should be on weekly or monthly rates), with a limit on total costs. Real estate firms and/or the USDA Forest Service Regional Office leasing specialist may be able

to assist in determining local rental rates. Other considerations require good judgment and the prudent exercise of negotiation techniques. There is a need to identify when the month begins and when it ends, such as, 7/15-8/13, or 30 days.

A joint pre- and post-inspection, including pictures, shall be made of the premises. Such inspection shall note all improvements and their condition, including items such as fences, buildings, wells, crops, and road conditions.

The Forest Service is required to use an approved form, such as Form SF-1449, with the Land Use Agreement as an attachment.

## **24.3-2 - General Guidelines for Equipment Hire**

### **1) Laws, Regulations, and Guidelines**

- a) Service Contract Act (SCA) Wage Determination. Federal agencies shall apply the SCA to all rentals wherein service employees are used, except for owner/operators. Contractors are responsible for paying these rates.

The Procurement Unit Leader shall post copies of the applicable Wage Determination Service Contract Act and Fair Labor Standards Act posters in a public location at each fire camp.

- b) Operator Hour Limitations. Operator assignments should be on a scheduled rotation for each operational period if the equipment is working 24 hours per day. When equipment is used less than 24 hours per day and only one operator is provided, the operator's schedule shall be based on an operational period allowing a minimum of 8 hours off duty between operational periods (all work: rest guidelines in IIBMH, Chapter 10, shall apply).
- c) Licensing Requirements. If a piece of equipment requires a licensed operator then all private sector operators shall have a valid license for the equipment operated. For equipment requiring a Commercial Driver's License (CDL), they are classified in two ways: (1) by Class and (2) by Type. See section 28, Exhibit 23, in this supplement. All commercial vehicles must meet the insurance requirements in 49 CFR 387.7. This information can also be located at the following website: [www.fmcsa.dot.gov](http://www.fmcsa.dot.gov).
- d) Personnel Requirements. Reference Exhibit 24 and within each equipment category as needed.
- e) Department of Transportation (DOT)

Please refer to website: <http://www.fmcsa.dot.gov/>

Current safety ratings for contractors may be assessed at the following website: <http://www.safersys.org> and <http://ai.volpe.dot.gov/SafeStat/SafeStatMain.asp>.

All commercial motor vehicles must be licensed for interstate travel. Commercial motor vehicles as described by Federal Motor Carrier Safety Regulation 390.5 below:

Commercial motor vehicle means any self-propelled or towed motor vehicle used on a highway in interstate commerce to transport passengers or property when the vehicle-

- (1) Has a gross vehicle weight rating (GVWR) or gross combination weight rating, (GCWR) or gross vehicle weight (GVW) or gross combination weight (GCW), of 4,536 kg (10,001 pounds) or more, whichever is greater; or
- (2) Is designed or used to transport more than 8 passengers (including the driver) for compensation; or
- (3) Is designed or used to transport more than 15 passengers, including the driver, and is not used to transport passengers for compensation; or
- (4) Is used in transporting material found by the Secretary of Transportation to be hazardous under 49 U.S.C. 5103 and transported in a quantity requiring placarding under regulations prescribed by the Secretary under 49 CFR, Subtitle B, Chapter I, Subchapter C.

In addition all commercial motor vehicles must meet all DOT requirements found in 49 CFR 390 through 396.

**“While in travel status, a single commercial vehicle operator must follow DOT standards of 11 hours of driving time per 14 hour operational period. If two operators were required per the agreement, (double shift) then the driving time may be lengthened to 14 hours per day. Most Type 6 and larger engines have a gross vehicle weight rating of 10,001 pounds or more and are classified as a Commercial Vehicle. While a Commercial Vehicle Drivers License is not required until the driver is operating a vehicle that has a gross vehicle weight rating or combination weight rating of 26,001 pounds or more, a medical card is required at 10,001 pounds GVWR. Engines that have a GVWR of 10,001 pounds or more are required to have ONE operator that follows Federal Motor Carrier Regulations pertaining to Commercial Vehicles.” (FMC390.5)**

- f) Gross Vehicle Weight (GVW)/Gross Vehicle Weight Rating (GVWR)/Gross Axle Weight Rating (GAWR). Equipment, which by law requires an operator to possess a driver's license to operate on a public highway, shall be licensed. The GVW shall not exceed the weight of the manufacturer's GVWR. Gross Axle Weight Rating will not be exceeded while vehicle is fully loaded.

Contractor shall abide by GVW/GVWR/GAWR requirements.

All equipment shall be within the limits of the manufacturer's GVWR when fully loaded (including operators and accessory equipment). This includes balancing the load in a manner that all axle weights comply with the manufacturer's gross axle weight rating. Equipment shall be configured in a manner that the center of gravity, to the vehicle, is within the design limits of the equipment. The contractor may be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact the design limits of the equipment have not been compromised.

Preseason sign-up for engines, water tenders and water trucks, requires the unit to be fully loaded at the time of inspection, with the contractor providing loaded weight tickets from a certified scale. The government reserves the right to reweigh the vehicle at any time.

- g) Insurance Requirements. All Commercial vehicles must meet the insurance requirements found in 49 CFR 387.7.
- h) Work Rates. For equipment not shown in this supplement, the rates shall be negotiated, taking into consideration, wages (if hired fully operated), depreciation, taxes, storage, insurance, overhead, and profit. Local customary rates shall also be considered.
- i) Daily Rates. Reference Clause 6 and 7, General Clauses of the EERA.
- j) Fully Operated Rate. The fully operated rates for heavy equipment are based on the following formula: 8 hours X the applicable SCA rate + 6 hours X (1.5 X the SCA rate) + 8 hours X the fringe benefit rate, multiplied by an assumed 35 percent payroll burden. Equipment can be hired “wet” (contractor provides fuel and operating supplies) or “dry” (government provides fuel and operating supplies) as defined in the General Clauses of the EERA.
- k) Unoperated Rate. The unoperated rates are based on a government-provided operator. If the government provides operating supplies, downward adjustment to the daily rate needs to be made for the cost of the operating supplies.
- l) Operating Supplies. As noted on the agreement, operating supplies are provided either by the government or the contractor. When it is the government's responsibility to provide these supplies but the contractor supplies them, reimbursement shall be made by the government. Use Block 27, Emergency Equipment Use Invoice, OF-286, to make this reimbursement. When the reverse is true and the government provides supplies that should be furnished by the contractor, a deduction for the value of the supplies shall be taken in Block 26 of the invoice. Documentation of reimbursements and deductions shall be attached to the OF-286.
- m) Special Provisions. The most current General Clauses can be found at:  
[http://www.fs.fed.us/r1/fire/nrcg/Committees/Business/supplements/EERA\\_General\\_Clauses\\_New\\_Test\\_Form.pdf](http://www.fs.fed.us/r1/fire/nrcg/Committees/Business/supplements/EERA_General_Clauses_New_Test_Form.pdf)
- n) Repair Rates. Reference Clause 4, General Clauses of the EERA. The rate to be assessed for government-provided repairs shall be \$75 per hour plus parts. Repair times shall be computed to the nearest half hour.
- o) Work/Rest Guidelines. NRCG policy requires compliance with work/rest guidelines as outlined in Chapter 10, Section 12.7-1 of this handbook.
- p) State Workers' Compensation. All private sector operators shall follow state law for Workers' Compensation. Contractor (owner) must provide proof that all employees are covered by Workers' Compensation insurance. Additionally, contractors (owners) who will be operating equipment must provide the following prior to issuance of an EERA/I-BPA:

1. Independent Contractor Exemption certificate issued after April 28, 2005; **or**
2. Proof of Workers' Compensation insurance showing owner is covered, **or**
3. DOL&I Letter: Subject: Workers' Compensation – Exempt Status (for Corporate Officers and LLC Managers.)

Independent contractor exemption certificates approved before April 28, 2005 are not acceptable.

- q) **Severity.** Severity is 75% of the daily rate for up to a ten-hour day. Shifts exceeding ten hours will be paid the full daily rate. During severity assignments, contractors may be assigned duties which may include patrol, prevention and education duties, and refurbishment of fire equipment including washing and rolling hose. Duties **not** acceptable include thinning projects, building maintenance and other projects that should be paid from home unit funds and take the contractor out of their classification for Workers Compensation coverage.
- r) Equipment hired must meet the needs for wildland firefighting using the guidance set forth by NRCG, NWCG, and NFPA ([www.nfpa.org](http://www.nfpa.org)).
- s) **Red Dyed Fuel.** State Law prohibits the use of dyed fuel in motor vehicles operating upon public roads and highways. The use of off road fuel by contractors while operating diesel powered vehicles on public highways and roads is prohibited and may result in fines.

While working on incidents in Montana, Idaho, South Dakota and North Dakota, state laws must be followed. There are no exemptions for contract over the road equipment employed as firefighting resources to use dyed fuel while traveling public highways.

To access information regarding off-road fuel, please reference the following sites:

Montana Administrative Rule regarding off-road fuel use can be accessed at the following site:

<http://www.mtrules.org/gateway/ChapterHome.asp?Chapter=18.10>

State of Idaho Truckers Handbook:

<http://itd.idaho.gov/DMV/Poe/documents/TruckersHandbook.pdf>

State of North Dakota Truckers Handbook:

<http://www.nd.gov/ndhp/pdf/permits/handbook.pdf>

State of South Dakota Truckers Handbook:

<http://www.sdtruckinfo.com/motorcarrierhandbook.asp>

- t) **Equipment Travel Time.** Travel time via ground transportation shall be calculated by dividing distance (from point of hire to incident, or incident to incident, or incident to point of hire) by average travel speed of 45 mph, plus applicable rest time.



- u) Use of communication equipment while driving. Per Executive Order dated October 1, 2009 entitled, "Federal Leadership on Reducing Text Messaging While Driving", federal employees (including contractors, casual hires, etc.) are prohibited from the act of texting while operating a government owned or leased/rented vehicle or while driving a POV while on official Government business.

This Executive Order does not apply to State resources although all resources must abide by state and city laws regarding cellular phone use while driving.

In addition, FS correspondence 6700 dated December 23, 2009, further eliminates the use of cellular phones (hand held or hands free) by Forest Service employees and contractors while driving government owned or leased/rented vehicles or driving personally owned vehicles on official government business.

BLM – Montana/Dakotas also further restricts employees and contractors cellular phones use while driving per Instruction Memorandum Number MT-2010-067.

## 2) Northern Rockies Competed Resources:

NRCG member agencies agreed to establish and use competed resources where agency regulations allow. USDA Forest Service units, within the Northern Rockies, are required to use the competed agreements.

The preferred source of supply for incidents occurring on lands protected by the State of Idaho is that which reduces mobilization time and/or is most advantageous in meeting fire suppression objectives, as determined by the area line officer or Fire Warden. Equipment that has not been competitively bid, but is available locally, can be procured through the execution of an EERA/I-BPA at any time. Refer to Chapter 50- Interagency Cooperative Relations, Exhibit 2- Idaho Department of Lands for further detail.

### a) **Region 1 Forest Service competed agreements**

**Wildland Engines, Support Water Tenders, Skidgine, Pumper Cat, Soft Track, Faller Module, Mobile Laundry, Office-Clerical Support Module, Tent/Canopy, Service Trucks, Dozers, Excavators, Transports, Bus/Crew Carrier, Mechanic/Service Truck, Weed Wash Units and GIS Unit:** The first source of supply for these pieces of private equipment shall be the USDA Forest Service competed agreements. The only exception to this requirement will be during Initial Attack, when closest resources may be used to accomplish the agency mission.

Incident-only EERAs will be entered into, for the above listed equipment only after the competed agreements have been exhausted. Rates established for this solicited equipment within this supplement may be utilized for guidance for local procurement officials when negotiating incident-only agreements. The incident-only EERA equipment shall meet the specifications currently listed in Chapter 20, including training certification and equipment inspections, but are not required to meet the specifications in the competed agreement.

These agreements are administered by Debby Wesselius, USFS Contracting Officer at (406) 329-3333. These agreements can be found on the NRCG Web site: [www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html](http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html)

**b) Bureau of Land Management competed agreements**

**Potable Water Truck, Fuel Truck, Type 3 Caterers and Gray Water Trucks**

– The first source of supply for these pieces of private equipment shall be the Bureau of Land Management (BLM) Agreements. Only after exhausting the units available from this source, shall other sources be considered. Should a potable, fuel, or gray water truck, not under the BLM agreement, be hired, it shall be replaced by a truck from the agreement as soon as practical.

These agreements are administered by Kris Kohlhoff, DOI-BLM, at (406) 896-5148 or Velvett Cummins, DOI-BLM, at (406) 896-5191. These agreements can be found on the NRCG Web site:

[www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html](http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html)

**c) Montana Department of Natural Resources and Conservation (DNRC) competed agreements**

**Portable Toilets, Handwash Stations, Sack Lunches, Rental Vehicles, Helicopter Support Trailers, and Communication Trailers**

– The first source of supply for these pieces of equipment will be the Montana Department of Natural Resources and Conservation (DNRC) Agreements. Only after exhausting these sources, shall other sources be considered.

These agreements are administered by Jeff Williams, MT DNRC, at (406) 444-6724. The agreements can be found at:

<http://dnrc.mt.gov/forestry/Fire/Business/ContractList.asp>

**3) Procurement Technical Assistance Centers (PTAC) for Montana, Idaho, and North Dakota**

PTAC provides assistance to vendors interested in responding to any state or federal government solicitation or invitation to bid. PTAC contacts are listed at

<http://www.aptac-us.org/new/index.php>

### **24.3-3 - Hiring Methods**

The first source of supply shall be agreements entered into by the competitive process in the Northern Rockies Geographic Area. For exceptions to this policy on lands protected by the State of Idaho, See Chapter 50, Interagency Cooperative Relations, Exhibit 2- Idaho Department of Lands.

The following describes requirements outside the above competitive process and summarizes the use of established rates for standard EERAs/I-BPAs for equipment rented within the Northern Rockies Geographic Area. The rates are fair and reasonable for equipment that is reasonably new and in good operating condition and meets all of the requirements listed in this chapter. The

rates reflect that the equipment will be engaged in fighting wildland fires under adverse working conditions, driven on both improved and unimproved roads, and will likely require operators to work overtime. **The rates are mandatory and may only be adjusted as follows:**

- Rates may be adjusted downward when equipment fails to provide the basic configuration required for each equipment type listed, or is excessively old and will not perform up to the standards of newer equipment in terms of quality operating time or production capability.
  - The equipment shall be inspected utilizing the OF-296 Vehicle/Heavy Equipment Safety Inspection Checklist and any additional checklists provided as an exhibit to this chapter or the solicitation under which it was hired.
- Rates may be adjusted upward to reflect the contractor's actual payroll cost when a contractor demonstrates a long-term history of paying wages exceeding the established SCA wage determination for the period (example: payroll records for past 12 months).
- Rates may be exceeded (within agency authority) on a case-by-case basis to reflect equipment that is unique in operating capability or cannot be obtained without a higher rate.
- All equipment shall be thoroughly cleaned before arriving at an incident. Frames and cross-members will be inspected and all debris-collecting areas including belly pans, guards and coverings will be washed to alleviate the spread of noxious weed seeds and to protect against grease and oil soaked residues catching on fire in belly pans and skid plates. Heavy equipment operators shall manually clean tracks and belly pans before leaving the project site.

**Standard Methods of Hire - Reference the IIBMH white pages, Chapter 20, Section 28, Exhibit 01, beginning page 27 of 81 located at:**  
**[http://www.nwccg.gov/pms/pubs/iibmh2/pms902\\_iibmh.pdf](http://www.nwccg.gov/pms/pubs/iibmh2/pms902_iibmh.pdf)**

## **HEAVY EQUIPMENT:**

See Heavy Equipment and personnel requirements, certification form and checklist of required inventory on pages 17 through 21.

## **AGRICULTURE TRACTORS**

Rates for agricultural tractors with implements.

| Type | Flywheel Horsepower | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|------|---------------------|---|---|
| 1    | 100+                | 1231  | 2031  |
| 2    | 50-99               | 987   | 1629  |

## **BACKHOE**

### **Minimum Standards for Types and Rates:**

| Type | Minimum Digging Depth | Flywheel Horsepower | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|------|-----------------------|---------------------|---|---|
| 1    | 18+ ft.               | 91+                 | 1518  | 2505  |
| 2    | 15+ ft.               | 63-90               | 1008  | 1663  |
| 3    | 13+ ft.               | 0-62                | 900   | 1485  |

If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880.

## **DOZER**

### **Minimum Standards for Types and Rates:**

| Type | Flywheel Horsepower | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|------|---------------------|---|---|
| 1    | 200-320             | 2609  | 4305  |
| 2    | 100-199             | 1781  | 2939  |
| 3    | 50-99               | 1230  | 2030  |

If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880.

## **EXCAVATOR WITH THUMB**

### **Minimum Standards for Types and Rates:**

| Type | Minimum Weight Class in Pounds | Flywheel Horsepower | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|------|--------------------------------|---------------------|---|---|
| 1    | 50,000                         | 156+                | 2130  | 3415  |
| 2    | 32,000                         | 111-155             | 1820  | 3003  |
| 3    | 25,000                         | 81-110              | 1420  | 2343  |
| 4    | 15,000                         | 60-80               | 1245  | 2054  |

- Only Excavators with a Hydraulic Thumb or Clamshell bucket shall be ordered.
- If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880.
- Machines used in fire line construction or fire line rehabilitation in timber must have forestry-type operator cab guarding in place. This will include front window guarding described on page 18. Operator must have two available exits from cab.

## **FELLER BUNCHER WITH BAR SAW OR ROTARY SAWS**

### **Minimum Standards for Types and Rates:**

| Type | Flywheel Horsepower | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|------|---------------------|---|---|
| 1    | 226+                | 3410  | 5627  |
| 2    | 160 - 225           | 2555  | 4216  |

- The above rates are based on a machine equipped with a Bar Saw capable of cutting 22-inch (and up) DBH trees with accumulator arm or Rotary (Hot) Saw capable of cutting 20 inch (and up) DBH trees with accumulator arm.
- Harvester heads will be negotiated under a separate agreement.
- Machines must meet state and federal safety regulations.
- Operator must be accompanied at all times by agency personnel qualified at or above the Firefighter 1 level.

## **PUMPER CAT (Hard Track)**

### **Minimum Standards for Type and Rates:**

| Components   | Type 1     | Type 2     | Type 3     |
|--|------------|------------|------------|
| Flywheel<br>Horsepower<br>Range                          | 200-320+   | 100-199    | 50-99      |
| Pump Capacity*<br>GPM @<br>PSI                           | 30 @<br>70 | 30 @<br>70 | 30 @<br>70 |
| Tank** Capacity<br>Gallons                               | 500+       | 325-499    | 200-324    |
| 1 inch hardline with ¾-inch inside diameter hose on reel | 150 ft.    | 150 ft.    | 150 ft.    |
| 1 inch linen hose  | 200 ft.    | 200 ft.    | 200 ft.    |
| Personnel***   | 1          | 1          | 1          |

**Pumpercats shall meet the same typing for Dozers.**

\*All pumps shall have pressure gauges that meet the minimum pump pressure rating.

\*\*No fiberglass tanks or plastic tanks will be accepted. Tanks must be baffled in compliance with NFPA or American Society of Mechanical Engineers standards or other industry accepted engineering standards. Additional gallons are acceptable but must meet all standards.

\*\*\*Pumpercat and operator must be accompanied at all times by agency personnel qualified at or above the Firefighter 1 level.

### **PUMPER CAT (Hard Track) - Rates:**

| Type | Flywheel<br>Horsepower | Minimum Tank<br>Capacity, Gallons | Fully Operated<br>Daily Rate<br>Single Shift (\$) | Fully Operated<br>Daily Rate<br>Double Shift (\$) |
|------|------------------------|-----------------------------------|---|---|
| 1    | 200-320+               | 500+                              | 2766  | 4564  |
| 2    | 100-199                | 325-499                           | 1875  | 3093  |
| 3    | 50-99                  | 200-324                           | 1304  | 2152  |

- If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880.
- Rates reflect market value as determined by the competitive process.

## **ROAD GRADER**

### **Minimum Standards for Types and Rates:**

| Type   | Flywheel Horsepower | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|--|---------------------|---|---|
| 1  | 201+                | 1910  | 3152  |
| 2  | 126-200             | 1560  | 2574  |
| 3  | <125                | 1265  | 2087  |
| If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880. |                     |   |   |

## **SKIDDER**

### **Minimum Standards for Types and Rates:**

| Type   | Flywheel Horsepower | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|--|---------------------|---|---|
| 1  | 100+                | 1955  | 3226  |
| 2  | 69-99               | 1200  | 1980  |
| If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880. |                     |   |   |

## **SKIDGINE (Rubber Tire)**

### **Minimum Standards for Types and Rates:**

| Components   | Type 1   | Type 2   |
|--|----------|----------|
| Flywheel Horsepower Range                                | 100+     | 69-99    |
| Pump Capacity*<br>GPM @ PSI                              | 30 @ 70  | 30 @ 70  |
| Tank**<br>Capacity, Gallons Minimum                      | 400+     | 200-399  |
| 1 inch hardline with ¾-inch inside diameter hose on reel | 150 feet | 150 feet |
| 1 inch linen hose  | 200 feet | 200 feet |
| Personnel***   | 1        | 1        |

**SK class shall meet the S class for skidders**

- \*All pumps shall have pressure gauges that meet the minimum pump pressure rating.
- \*\*No fiberglass or plastic tanks will be accepted. All tanks must be certified and baffled in compliance with NFPA or American Society of Mechanical Engineers standards or other industry accepted engineering standards. Additional gallons are acceptable, but must meet all standards.
- \*\*\*Skidgine and operator must be accompanied at all times by agency personnel qualified at or above the Firefighter 1 level.

**SKIDGINE (Rubber Tire) – Rates:**

| Type   | Flywheel Horsepower | Minimum Tank Capacity, Gallons | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|--|---------------------|--------------------------------|---|---|
| 1  | 176+                | 1200+                          |   |   |
| 2  | 75-175              | 800-1199                       |   |   |
| 3  | 100+                | 400-799                        | 1900  | 3134  |
| 4  | 69-99               | 200-399                        | 1538  | 2537  |
| <ul style="list-style-type: none"> <li>• If equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880.</li> <li>• Rates reflect market value as determined by the competitive process.</li> </ul> |                     |                                |   |   |

**SOFT TRACK**

**Minimum Standards for Type and Rates:**

| Components  | Type 1   |
|---|----------|
| Flywheel Horsepower Range   | 170+     |
| Pump Capacity*<br>GPM @ PSI   | 30 @ 70  |
| Tank**<br>Capacity, Gallons Minimum   | 600      |
| 1 inch hardline with ¾-inch inside diameter hose on reel  | 150 feet |
| 1 inch linen hose   | 200 feet |
| Personnel***  | 1        |
| <ul style="list-style-type: none"> <li>*All pumps shall have pressure gauges that meet the minimum pump pressure rating.</li> <li>**No fiberglass or plastic tanks will be accepted. All tanks must be certified and baffled in compliance with NFPA or American Society of Mechanical Engineers standards or other industry accepted engineering standards. Additional gallons are acceptable, but must meet all standards.</li> <li>***Soft Track and operator must be accompanied at all times by agency personnel qualified at or above the Firefighter 1 level.</li> </ul> |          |



### **SOFT TRACK – Rates:**

| Type   | Flywheel Horsepower | Minimum Tank Capacity, Gallons | Fully Operated Daily Rate Single Shift (\$) | Fully Operated Daily Rate Double Shift (\$) |
|--|---------------------|--------------------------------|---|---|
| 1  | 170+                | 600+                           | 3062  | 5053  |
| <ul style="list-style-type: none"> <li>If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880.</li> <li>Rates reflect market value as determined by the competitive process.</li> </ul> |                     |                                |   |   |

**\* NRCG will not develop standards or rates for modified UTVs or Smidgines (skid steers with tanks) in the Northern Rockies Geographic Area.**

### **Requirements for Dozer, Excavator, Feller/Buncher, Pumper Cat, Skidder, Skidgine, Soft Track, and Road Grader:**

- Heavy equipment used for line construction or line abolishment in heavy timber types must meet all applicable federal and state logging safety standards and must have operator protection guarding such as a Forestry cab package with wire mesh or safety glazing that provides equivalent protection. Stand-alone safety glass does not provide equivalent protection as wire mesh. However, it may be used as part of the window glazing system. Note that polycarbonate windows are not “glass” and may be acceptable as a stand-alone window guard. Any machine cab meeting ISO 8084 or SAE 1084 would fulfill this requirement. This requirement does not apply to road graders.
- The ***protective canopy*** shall be constructed to protect the operator from injury due to falling trees, limbs, saplings or branches which might enter the compartment area and from snapping winch lines or other objects. The rear portion of the cab shall be fully enclosed with open mesh material. The openings in the mesh should be of such size as to reject the entrance of an object larger than 2 inches in diameter. This covering shall be affixed to the structural members so that ample clearance will be provided between the screen and the back of the operator and shall provide maximum rearward visibility. Open mesh material shall extend forward as far as possible from the rear corners of the cab sides, to provide the maximum protection against obstacles, branches, etc., entering the cab area. Deflectors or sweeps, which may be part of the cab, shall be installed in front of operator area to deflect whipping saplings and branches. Deflectors shall be located so as not to impede visibility and access to the cab. This requirement does not apply to road graders.
- A ***Rollover Protective Structure***. Roll-Over Protection (ROPS) meeting ISO3471, ISO8082 or SAEJ1040, and Falling Object Protection (FOPS) are required on all heavy equipment with the exception of 360 degree swing machines known as Excavators (CFR 1910.266 f(3)i). A manufacturer’s nameplate certifying the operator enclosure or

alternative documentation that the cab meets these provisions is required. Modification of factory ROPS/FOPS (Cutting/Welding) and any aftermarket ROPS/FOPS may require re-certification to ISO3471, ISO8082 or SAEJ1040 standards; please discuss this with the equipment manufacturer.

4. **Excavators** must have a factory canopy with deflectors installed in front of the operator area to deflect whipping saplings, branches and debris broken off by the action of the bucket or hydraulic thumb. Deflectors shall be located so as not to impede visibility and access to the cab but still protect the operator from frontal damage.
5. **Dozers** with hydraulic blade tilt capability are desired. If hydraulic blade tilt capability dozers are not available and a non hydraulic blade tilt (cable) dozer is hired, the daily rate will be adjusted downward due to the loss of efficiency by first deducting the operator's rate from the total amount, and then it is added back in after a 30% reduction.
6. **Skidders, skidgines, road graders** are required to have tire chains, and if requested, must be made available by next operational period. Chains shall be inspected pre-use.
7. PPE as described under personnel requirements.
8. **In addition to the above: Dozers, Skidders, and Soft Tracks** may be equipped with rear-mounted grapple for logging or towing winch with cable and one or two chokers (indicate on EERA/I-BPAs if so equipped).
9. Heavy equipment modified to transport water, such as **pumper cats, skidgines, soft tracks**, shall be configured in a manner that the center of gravity for the vehicle is within the design limits of the equipment. The contractor shall be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact that design limits of the equipment have not been compromised. Any and all additional modifications shall be re-certified. Water tanks shall also be certified as to actual size and having adequate baffles. Note: Cost for this certification has been figured into the daily rate.
10. **Pumper Cats, Skidgines, Soft Tracks** will not be required to have rear-mounted grapples or logging or towing winches with cable and one or two chokers. This equipment may have been removed to accommodate the tank, pump and reel. Grapples must be secured to prevent hazards to individuals working with the skidgine.

Additional information on heavy equipment can be found on the NRCG web page under <http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html>

## **Personnel Requirements for Dozer, Excavator, Feller/Buncher, Pumper Cat, Skidder, Skidgine, Soft Track, and Road Grader:**

1. Annual Fireline Safety Refresher Training (RT-130) or equivalent.
2. The following personal protective equipment is required and must be provided by the contractor:
  - Boots - All leather, lace-up type, minimum 8 inches high with lug-type sole in good condition (steel toed boots are unacceptable).
  - Hardhat - Plastic, class B, ANSI Z89.1, OSHA approved, with chinstrap. Note: Hardhat meeting NFPA Standard 1977, 1998 edition, is required.
  - Gloves - One pair heavy-duty leather per person.
  - Eye protection - One pair per person (meets standards ANSI 287, latest edition).
  - Headlamp - One lamp per person with batteries and attachment for hardhat.
  - Canteen - 1-quart size, two per person required, and four per person recommended (filled prior to arrival at incident).
3. The following equipment may be agency provided at the time of hire:
  - Fire Shelter - One serviceable shelter per person. **New Generation Fire Shelters are required for contractors effective January 1, 2010.**
  - Flame resistant clothing - Shirt and trousers for routine fireline duties. Flame resistant clothing must:
    - Self-extinguish upon removal from heat source.
    - Act as effective thermal barrier by minimizing conductive heat transfer.
    - Not melt or shrink to any appreciable degree upon decomposition during exposure to a high heat source.
    - Be manufactured from flame retardant treated (FRT) cotton, FRT rayon, FRT wool, aramid (Nomex), or other similar fabric.

## **Inventory Requirements for Pumper Cat, Skidgine, and Soft Track**

See checklist for Pumper Cat, Skidgine and Soft Track for inventory, page 21.

**CERTIFICATION**  
**PUMPER CAT, SKIDGINE, SOFT TRACK**

This certification is incorporated in and made part of Emergency Equipment Rental Agreement No. \_\_\_\_\_. The equipment listed herein meets all of the minimum requirements for the equipment type.

| <b>EQUIPMENT TYPE</b> | <b>SERIAL NO.</b> | <b>ENGINEERING<br/>CERTIFICATION<br/>(attach Exhibit 25)</b> |
|-----------------------|-------------------|--|
|-----------------------|-------------------|--|

The following individuals meet all the personnel and training requirements for the position listed.

| <b>NAME</b> | <b>POSITION</b> |
|-------------|-----------------|
| _____       | _____           |
| _____       | _____           |
| _____       | _____           |

The personnel listed above shall be provided with the equipment, in the numbers required by the agreement and equipment typing configurations. The personnel and equipment qualifications are in accordance with NRCG Supplement to Chapter 20 of the Interagency Incident Business Management Handbook.

A copy of the Emergency Equipment Rental Agreement, along with this certification, shall be provided to the Finance/Administration Section Chief or their designated representative immediately upon arrival at the incident. Failure to provide equipment meeting the typing configurations or the above named personnel shall void the payment schedule listed in Blocks 11, 12 and 13 of the agreement.

I certify that the above-listed equipment meets the minimum typing standards for the type listed. I also certify that the above-listed personnel meet all of the qualification requirements for the position(s) listed.

|   |  |
|---|--|
| _____<br>Government Representative<br>(Signature) | _____<br>Contractor Representative (Signature) |
| _____<br>Name and Title<br>(Printed)              | _____<br>Contractor Name<br>(Printed)          |
| _____<br>Home Unit                                | _____<br>Address                               |
| _____<br>Phone No.                                | _____<br>City, State                           |
| _____<br>Date                                     | _____<br>Date                                  |

**CHECKLIST****PUMPER CAT, SKIDGINE, SOFT TRACK,**

Equipment Type \_\_\_\_\_

Serial No. \_\_\_\_\_

Engineering Certification \_\_\_\_\_

1. Pump Capacity (GPM/PSI) \_\_\_\_\_

2. Tank Capacity (Gallons) \_\_\_\_\_

3. Meets Personnel Standards \_\_\_\_\_

4. Back-up Alarm 87 decibels measured  
while standing 5 feet behind and in center of  
machine. \_\_\_\_\_

| <b>Complement Requirements</b>   | <b>Yes</b> | <b>No</b> |
|--|------------|-----------|
| 2 each, 1 inch NPSH Nozzles—must do both fog and straight stream combination and shutoff (Plastic is acceptable)   |            |           |
| 1 Pulaski  |            |           |
| 1 shovel, size 0   |            |           |
| 1 First Aid Kit (5 person)   |            |           |
| 1 fire extinguisher (5BC or Better)  |            |           |
| 1 Spanner wrench, combination 1 inch to 1 ½ inches   |            |           |
| 1 reducer, 1 ½ inches NH Female to 1 inches NPSH Male  |            |           |
| 1 reducer, 1 inch NPSH Female to ¾ inches garden hose male   |            |           |
| 1 adapter, 1 inch NH Female to 1 inches NPSH Male  |            |           |
| 1 adapter, 1 inch NPSH Female to 1 inch NH Male  |            |           |
| 1 each, 1 inch double male NPSH  |            |           |
| 1 each, 1 inch double female NPSH  |            |           |
| 1 each, 1.5" forestry hose clamp   |            |           |
| 5 gallons of fuel to operate pump for 12 hours   |            |           |
| 1 each, Pump for filling tank with water or have drafting capabilities. If drafting, need 20 ft. of hard line suction hose with strainer or screened foot valve. |            |           |
| 1 each, ¼ turn adapter to 1 inch NPSH (1 female and 1 male each)   |            |           |
| Must have a 1 inch male NPSH tee for soft line attachment.   |            |           |
| Must have pressure relief or by pass valve in plumbing system.   |            |           |
| Tanks shall have a 4 inch minimum fill pipe  |            |           |
| Tank shall have a minimum 3-inch dump valve.   |            |           |
| Hose – 150 feet, 1 inch hardline with ¾ inch inside diameter hose on reel  |            |           |
| Hose – 200 feet, 1 inch linen hose   |            |           |
| Type 1& 2 Skidgine Hose – 300 feet, 1 inch linen hose  |            |           |
| Type 1 &2 Skidgine Hose - 300 feet, 1.5 inch linen hose  |            |           |
| Safety equipment, including approved spark arrester or exhaust system.   |            |           |

**NOTE:** Equipment not required by this list is carried at the contractor's own risk. Compensation will not be given for additional items. Please list additional items on the back of this form. Attach to OF 296.

**CONFIGURED AS ABOVE THIS UNIT IS CLASSIFIED AS TYPE \_\_\_\_\_.**

Contractor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Inspector's Signature \_\_\_\_\_ Date \_\_\_\_\_

## **Water Handling Equipment:**

**See Water Handling Equipment requirements, certification form and checklist of required inventory on pages 26 through 40.**

**NOTE: Engines and Support Water Tenders were re-solicited in 2010 utilizing the typing standards adopted by NWCG in October of 2007. The NRCG Operations Committee has elected not to solicit for tactical water tenders within the geographic area.**

## **ENGINE**

**The first source of supply for private sector engines shall be the USDA Forest Service, Region 1, 2010 Water Handling Equipment Agreements.**

### **Minimum Standards for Types and Rates:**

The following guide is to aid in the typing of engines currently under agreement. When typing equipment, all of the standards must be met to qualify the equipment. Failure to meet any standard places the equipment in a lower type or disqualifies the equipment in its entirety.

**All Engines, Water Trucks and Support Tenders hired per the terms in this handbook shall be able to be legally driven on highways under their own power and be able to travel at a minimum of 45 miles per hour.**

| <b>Components</b>           | <b>MINIMUM STANDARDS FOR TYPE</b> |          |          |          |          |          |          |
|-----------------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|
|                             | <b>1</b>                          | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> |
| Tank Minimum capacity (gal) | 300                               | 300      | 500      | 750      | 400      | 150      | 50       |
| Pump minimum flow (gpm)     | 1000                              | 500      | 150*     | 50       | 50       | 50       | 10       |
| @ rated pressure            | 150                               | 150      | 250      | 100      | 100      | 100      | 100      |
| Hose 2 ½ “                  | 1200                              | 1000     | -        | -        | -        | -        | -        |
| 1 ½”                        | 500                               | 500      | 1000     | 300      | 300      | 300      | -        |
| 1”                          | -                                 | -        | 500      | 300      | 300      | 300      | 200      |
| Ladder (feet)               | **48'                             | **48'    |          |          |          |          |          |
| Master Stream 500 gpm.      | YES                               | YES      |          |          |          |          |          |
| Pump and roll               | -                                 | -        | YES      | YES      | YES      | YES      | YES      |
| Max GVWR (lbs)              | -                                 | -        | -        | -        | 26,000   | 19,500   | 14,000   |
| Personnel (min)             | 4                                 | 3        | 3        | 2        | 2        | 2        | 2        |

All types shall meet federal, state and agency requirements for motor vehicle safety standards, including all gross vehicle weight ratings when fully loaded.

All wildland engines (Types 3-7) shall be able to prime and pump water from a 10 foot lift.

All pumps shall have pressure gauges that meet the minimum pump pressure rating.

\* Type 3 engines shall be equipped with a foam proportioning system.

**\*\*This includes 24' extension ladder, 14' roof ladder and 10' attic ladder for a total of 48'.**

## **ENGINE– Rates:**

**The first source of supply for private sector engines shall be the USDA Forest Service, Region 1, 2010 Water Handling Equipment Agreements.**

| Type |                           | Fully<br>Operated<br>Daily Rate<br>Single Shift<br>(\$) | Fully<br>Operated<br>Daily Rate<br>Double Shift<br>(\$) | Unoperated<br>Daily Rate<br>Single Shift<br>(\$) | Unoperated<br>Daily Rate<br>Double Shift<br>(\$) | Number<br>of<br>Personnel<br>Per Shift |
|------|---------------------------|---|---|--|--|--|
| 1    | Structural<br>Engine I    | 2575  | 4414  | 1511   | 2590   | 4                                      |
| 2    | Structural<br>Engine II   | 2165  | 3712  | 1311   | 2248   | 3                                      |
| 3    | Wildland<br>Engine III    | 2058  | 3396  | 1308   | 2158   | 3                                      |
| 4    | Wildland<br>Engine IV     | 1591  | 2625  | 1091   | 1800   | 2                                      |
| 5    | Wildland<br>Engine V      | 1611  | 2659  | 1111   | 1834   | 2                                      |
| 6    | Wildland<br>Engine VI     | 1436  | 2370  | 936  | 1545   | 2                                      |
| 7    | Wildland<br>Engine<br>VII | 882   | 1435  | 385  | 660  | 2                                      |

- See pages 26 through 31 for engine typing/requirements and engine checklist.
- Engine rate is to be used only when the equipment and personnel meet all requirements.
- Number of personnel is the minimum required per operational period (shift).
- Extra engine personnel: \$250.00 per day - ***must be ordered*** through the resource process.
- Rates reflect market value as determined by the competitive process

## **TENDER (SUPPORT), WATER:**

**In general, the water tender is intended for use in support of fireline activities**

### **Minimum Standards for Types:**

The following guide is to aid in the typing of tenders currently under agreement. When typing equipment, all of the standards must be met to qualify the equipment. Failure to meet any standard places the equipment in a lower type or disqualifies the equipment in its entirety.

| <b>MINIMUM STANDARDS FOR TYPE</b> |               |               |               |
|-----------------------------------|---------------|---------------|---------------|
| <b>Components</b>                 | <b>Type 1</b> | <b>Type 2</b> | <b>Type 3</b> |
| Tank Capacity (gal)               | 4000+         | 2500          | 1000          |
| Pump min flow (GPM)               | 300           | 200           | 200           |
| @ rated pressure (psi)            | 50            | 50            | 50            |
| Pump and roll                     | none          | None          | none          |
| Personnel (min)                   | 1             | 1             | 1             |

**NRCG will not develop standards or rates for Tactical Water Tenders in the Northern Rockies Geographic Area.**

### **TENDER, WATER -Support– Rates:**

| <b>Type</b> | <b>Fully Operated<br/>Daily Rate<br/>Single Shift (\$)</b> | <b>Fully Operated<br/>Daily Rate<br/>Double Shift (\$)</b> | <b>Number of<br/>Operators</b> |
|-------------|--|--|--------------------------------|
| 1           | 1850   | 3052   | 1                              |
| 2           | 1291   | 2130   | 1                              |
| 3           | 1130   | 1864   | 1                              |

- See pages 34 through 36 for water tender minimum complements, certification form, and checklist.
- If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$438; double shift by \$750.
- Rates reflect market value as determined by the competitive process.

## **TRUCK, GRAY WATER**

**The first source of supply shall be the BLM 2009 Gray Water Equipment Agreement.**

Current vendors and specifications can be found at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/graywater.html>

Contractor is responsible for proper removal and disposal of wastewater. Contractor is responsible for all permits. Disposal fees will be reimbursed based on actual receipts. Gray



water trucks must possess a current DOT Mechanical Inspection. Gray water trucks shall not be utilized as a Tender or a Water Truck.

### **TRUCK, GRAY WATER - Rates**

| Type | Size              | Fully Operated Daily Rate (\$) |
|------|-------------------|--------------------------------|
| 1    | 1000 + gallons    | 878 + 1.32/mile                |
| 2    | 500 - 999 gallons | 588 + 1.32/mile                |

### **TRUCK, POTABLE WATER**

**The first source of supply shall be the BLM 2010 Potable Water Equipment Agreement.**

Current vendors and specifications can be found at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/potable.html>

### **TRUCK, WATER:**

**Water trucks shall not be utilized as a Tender or a Gray Water Truck.** Generally, a water truck is intended for use in the following operations: dust abatement, water transfer and hauling, including unloading into a port-a-tank.

**Water trucks will not be used in direct support of suppression activities.**

### **Minimum Standards for Types and Rates:**

| Components                    | TYPE  |      |      |
|-------------------------------|-------|------|------|
|                               | 1     | 2    | 3    |
| Pump Capacity (GPM)           | 300   | 200  | 200  |
| Tank Capacity (Gallons)       | 4000+ | 2500 | 1000 |
| Off Load Capacity (GPM)       | 300   | 200  | 200  |
| Maximum Refill Time (minutes) | 30    | 20   | 15   |
| Personnel (minimum number)    | 1     | 1    | 1    |
| Drafting Capability           | yes   | yes  | yes  |

### **TRUCK, WATER – Rates:**

| Type  | Fully Operated Daily Rate<br>Single Shift (\$) | Fully Operated Daily Rate<br>Double Shift (\$) | Operators<br>(per shift) |
|---|--|--|--------------------------|
| 1   | 1246   | 2136   | 1                        |
| 2   | 1047   | 1794   | 1                        |
| 3   | 804  | 1378   | 1                        |
| <ul style="list-style-type: none"> <li>See pages 37 through 40 for water truck certification form and checklist.</li> <li>For unoperated daily rate: single shift deduct \$438, double shift deduct \$750.</li> </ul> |  |  |                          |

## **ENGINE REQUIREMENTS:**

### **Personnel Requirements for Engines:**

1. Satisfactory completion of the NWCG arduous-duty work capacity physical fitness test.
2. All engines are required to have a NWCG 310-1 qualified single resource boss-engines and at minimum a Firefighter 2 on board (See Exhibit 24 for training requirements)
3. Annual Fireline Safety Refresher Training (RT-130) or equivalent.
4. Introduction to National Incident Management System (IS-700a)
5. In addition, structural engine personnel shall have attended Firefighter 1 (NFPA Standard 1001 Professional Structural Firefighter Qualification) or equivalent, or be certified by the chief of their fire department as being able to perform at the Firefighter 1 level.
6. The following Personal Protective Equipment is required and must be provided by the Contractor:
  - Boots - All leather, lace-up type, minimum 8 inches high with lug type sole in good condition (steel toed boots are unacceptable).
  - Hardhat - Plastic, Class B, ANSI Z89.1, 1986, OSHA approved, with chinstrap. Note: Hardhat meeting NFPA Standard 1977, 1998 Edition, is required.
  - Gloves - One pair of heavy-duty leather per person.
  - Eye Protection - One pair per person (meets standards ANSI 287, latest edition)
  - Head Lamp - One lamp per person with batteries and attachment for hardhat.
  - Canteen - 1-quart size, two per person required, four per person recommended (filled prior to arrival at incident).
  - Fire Shelter - One serviceable shelter per person. **New Generation Fire Shelters are required for contractors effective January 1, 2010.**
  - Flame Resistant Clothing - Shirt and trousers for routine fireline duties, flame resistant clothing must:
    - Self-extinguish upon removal from heat source.
    - Act as effective thermal barrier by minimizing conductive heat transfer.
    - Not melt or shrink to any appreciable degree upon decomposition during exposure to a high heat source.
    - Be manufactured from flame retardant treated (FRT) cotton, FRT rayon, FRT wool, aramid (Nomex), or other similar fabric.

### **Other Engine Requirements:**

1. Tank Baffling. The water tanks must be equipped with partitions that reduce the shifting of the water load. Engines shall have the water tank baffled in a manner that conforms to the NFPA Standard 1906, or the American Society of Mechanical Engineers standards or other industry-accepted engineering standards.
2. Inventory. At the time of hire, the contractor shall provide a complete inventory of the fire fighting complement on the vehicle. A copy of the inventory shall be provided to the inspector and the procurement unit each time the vehicle is hired or reassigned to an incident.
3. At time of hire, contractor shall meet minimum standards.

4. Typing. When typing engines, all of the requirements for both equipment and personnel must be met to be acceptable and must be certified by a government fire expert. The government fire expert is defined as a government employee (local, state or federal) who through their regular employment, works with and is knowledgeable regarding this type of equipment. Equipment lacking this certification shall not be signed up. It shall be the contractor's responsibility to obtain the certification prior to dispatch.

When classifying Type 1 and 2 structural engines, a government fire expert will certify the equipment meets the minimum requirements specified in NFPA 1901.

5. Foam Units. Type 3-6 engines shall have foam capabilities. The government shall provide the foam or make reimbursement only for approved chemicals when provided by the contractor. A list of approved chemicals can be found at: [www.fs.fed.us/fire/tools\\_tech/index.html](http://www.fs.fed.us/fire/tools_tech/index.html) and <http://www.fs.fed.us/rm/fire>

If a Resource Order specifically requests and the engine is equipped with Compressed Air Foam System (CAFS), payment will be adjusted according to the hourly rates for the system shown below. Hourly use shall be documented on a shift ticket. Payment shall be for hours of **actual use** of the CAFS in addition to the daily rate for the engine.

| Cubic Feet/Minute<br>(CFM) |               | CAFS Allowance<br>With Pump and Roll<br><b>HOURLY RATE (\$)</b> |
|----------------------------|---------------|---|
| 35 – 50                    | CFM @ 150 PSI | 25.00   |
| 51 - 85                    | CFM @ 150 PSI | 42.00   |
| 86 - 120                   | CFM @ 175 PSI | 56.00   |
| 121 – 200                  | CFM @ 175 PSI | 70.00   |
| 201+                       | CFM @ 200 PSI | 87.00   |

Foam Unit Criteria for CAFS:

- One GPM per one CFM MINIMUM water pump capacity at PSI rates required of the compressor.
- Pump & Roll 86+ CFM and above must have deck mounted cannon with stacked tips or adjustable tips.
- Pump & Roll 86+ CFM equipment must be able to pump water and foam while moving.
- CFM, GPM, PSI and foam flow gauges are required.
- Must be capable of injection of foaming agent into the water line at variable controlled rates on discharge side of pump (be proportional).
- System shall provide full foam delivery within 60 seconds after system is engaged.
- Operators shall be experienced and knowledgeable of system operation, and be capable of demonstrating their ability to operate the system.

Any other foam capabilities, such as eductor units (which siphon foam into the hose system), or when the foam is dumped directly into the tank, will not be accepted.

## 6. Vehicle Requirements.

- When fully loaded (including operators and accessory equipment), engines will conform to manufacturer's gross vehicle weight rating (GVWR). **The vehicle GVWR/GAWR plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If missing or illegible, the Contractor shall provide a GVWR certificate from manufacturer stating front, rear and total GVWR.** This includes balancing the load in a manner that all axle weights comply with the manufacturer's gross axle weight rating. The contractor may be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact the design limits of the equipment have not been compromised.
  - At time of hire, resource may be required to be fully loaded, with the contractor providing weight tickets for the load from a certified scale. The weight tickets will be by individual axle weight. All resources shall arrive at incident fire ready.
- All vehicles shall be licensed to carry the GVW of the loaded unit. Private sector vehicles that require a CDL operator when operating on public highways shall be furnished with a licensed CDL operator at all times. Drivers will comply with DOT driving limitations found at: <http://www.fmcsa.dot.gov/>.
- All cargo and equipment not permanently attached to the vehicle shall be secured in accordance with requirements found in 49 CFR 393.

**Engine Inventory - Minimum: See Engine Checklist on Pages 30-31**

**CERTIFICATION - ENGINES**

This certification is incorporated in and made part of Emergency Equipment Rental Agreement No. \_\_\_\_\_ . The equipment listed herein meets all of the minimum requirements for the equipment type.

| <b>EQUIPMENT TYPE</b>   | <b>LICENSE NO.</b> | <b>SERIAL NO.</b> |
|---|--------------------|-------------------|
| _____   | _____              | _____             |
| The following individuals meet all the personnel and training requirements for the position listed. |                    |                   |
| <b>NAME</b>   | <b>POSITION</b>    |                   |
| _____   | _____              |                   |
| _____   | _____              |                   |
| _____   | _____              |                   |
| _____   | _____              |                   |

The personnel listed above shall be provided with the equipment, in the numbers required by the agreement and equipment typing configurations. The personnel and equipment qualifications are in accordance with NRCG Supplement to Chapter 20 of the Interagency Incident Business Management Handbook.

A copy of the Emergency Equipment Rental Agreement, along with this certification, shall be provided to the Finance/Administration Section Chief or their designated representative immediately upon arrival at the incident.

Failure to provide equipment meeting the equipment type above shall result in a downgrade of typing and a reduction in rate to the type level the equipment meets, as set forth in the Interagency Incident Business Management Handbook, Chapter 20, NRCG Supplement. Failure of the equipment to meet a typing configuration, or to provide the personnel, shall be considered as withdrawing the equipment. Withdrawal shall be handled as set forth in the General Clause to the Emergency Equipment Rental Agreement, Clause 8, and Paragraph b.

I certify that the above-listed equipment meets the minimum typing standards for the type listed. I also certify that the above-listed personnel meet all of the qualification requirements for the position(s) listed.

|  |  |
|--|--|
| _____<br>Government Representative (Signature) | _____<br>Contractor Representative (Signature) |
| _____<br>Name and Title (Printed)              | _____<br>Contractor Name (Printed)             |
| _____<br>Home Unit                             | _____<br>Address                               |
| _____<br>Phone No.                             | _____<br>City, State                           |
| _____<br>Date                                  | _____<br>Date                                  |

## CHECKLIST - ENGINES

Equipment Type \_\_\_\_\_

Vin. No. \_\_\_\_\_

1. Pump Capacity (gpm at psi) \_\_\_\_\_
2. Tank Capacity (Gallons) \_\_\_\_\_
3. Hose 2.5 inch (Feet) (Type 1 and 2) \_\_\_\_\_
4. Hose, 1 ½ Inches (Feet) \_\_\_\_\_
5. Hose, 1 Inches (Feet) \_\_\_\_\_
6. Ladder (48 feet) (Type 1 and 2) \_\_\_\_\_
7. Master Stream (GPM) (Type 1 and 2) \_\_\_\_\_
8. Meets Personnel Standards \_\_\_\_\_
9. Tank Baffled \_\_\_\_\_
10. Back-up Alarm (87 decibels measured while standing 5 feet behind and in the center of vehicle) \_\_\_\_\_

**11. Minimum Complements:**

|   |  |
|---|--|
| 2 nozzles, combination fog/straight stream, 1" NPSH female                                |  |
| 2 nozzles, combination fog/straight stream, 1 ½" NH female                                |  |
| 20 feet minimum suction hose with strainer or screened foot valve                         |  |
| 2 shovels, size 0   |  |
| 2 pulaskis  |  |
| 1 spanner wrench, combination 1" to 1-1/2"  |  |
| 2 gated wyes, 1-1/2" NH threads   |  |
| 4 reducers, 1-1/2" NH female to 1" NPSH male  |  |
| 2 adapters, 1-1/2" NH female to 1-1/2" NPSH male  |  |
| 2 adapters, 1-1/2" NPSH female to 1-1/2" NH male  |  |
| 2 increasers, 1" NPSH female to 1-1/2" NH male  |  |
| 2 adapters, ¼ turn to 1 inch NPSH (1 female/1 male)                                       |  |
| 1 double male, 1" NPSH threads  |  |
| 1 double female, 1" NPSH threads  |  |
| 1 double male, 1-1/2" NH threads  |  |
| 1 double female, 1-1/2" NH threads  |  |
| 1 forestry hose clamp (1 ½")  |  |
| 1 ea. required - 5-gallon container for drinking water                                    |  |
| 1 ea. required - first aid kit (five person)  |  |
| 1 ea. required - set of three (3) reflectors  |  |
| 1 ea. required - fire extinguisher (5BC or better)  |  |
| 1 ea. set required - wheel chocks (meet industry standard)                                |  |
| 5-gallon min. fuel to operate pump and engine for 12 hours                                |  |
| 1 ea. required pump for water fill or have drafting capabilities                          |  |
| Tire Tread Depth equal to or better than 4/32" on steer axle and 2/32" on remaining tires |  |
| 300 feet of ¾-inch synthetic garden hose – 50 foot sections                               |  |
| 1 reducer, 1 inch NPSH to ¾-inch GH   |  |
| 2 adjustable nozzles ¾ inch   |  |
| 1 mop up wand with ¾-inch receptor for hose   |  |

|   |      |            |           |
|---|------|------------|-----------|
| 1 gated wye, ¾ inch                             |      |            |           |
| 5 inline ball valves, ¾ inch                    |      |            |           |
|   | GVWR | Front Axle | Rear Axle |
| 12. Chassis Manufacturer's GVWR                 |      |            |           |
| 13. Loaded Actual Weight (from certified scale) |      |            |           |

**NOTE: Equipment not required by this list is carried at the contractor's own risk. Compensation will not be given for additional items. Please list additional items on the back of this form. Attach to OF-296.**

**CONFIGURED AS ABOVE THIS UNIT IS CLASSIFIED AS A TYPE \_\_\_\_\_ ENGINE.**

Compressed Air Foam System \_\_\_\_\_ Metered Foam System \_\_\_\_\_ None \_\_\_\_\_

Length of Engine \_\_\_\_\_ Width of Engine \_\_\_\_\_

|                        |  |      |  |
|------------------------|--|------|--|
| Contractor's Signature |  | Date |  |
| Inspector's Signature  |  | Date |  |

## **TENDERS (SUPPORT), WATER REQUIREMENTS:**

**The first source of supply shall be the Forest Service, Region 1, 2010 Water Handling Equipment Agreements.**

### **Personnel Requirements for Support Water Tenders**

1. Annual Fireline Safety Refresher Training (RT-130) or equivalent and IS-700a.
2. The following personal protective equipment is required and must be provided by the contractor:
  - Boots - All leather, lace-up type, minimum 8 inches high with lug-type sole in good condition (steel toed boots are unacceptable).
  - Hardhat - Plastic, Class B, ANSI Z89.1, 1986, OSHA approved, with chinstrap. NOTE: Hardhat meeting NFPA Standard 1977, 1998 Edition, is required.
  - Gloves - One pair heavy duty leather per person.
  - Eye Protection - One pair per person (meets standards ANSI 287, latest edition).
  - Head Lamp - One lamp per person with batteries and attachment for hardhat.
  - Canteen - 1-quart size, two per person required, four per person recommended (filled prior to arrival at incident).
  - Fire Shelter - One serviceable shelter per person. **New Generation Fire Shelters are required for contractors, effective January 1, 2010.**
  - Flame Resistant Clothing - Shirt and trousers for routine fireline duties, flame resistant clothing must:
    - Self-extinguish upon removal from heat source
    - Act as effective thermal barrier by minimizing conductive heat transfer
    - Not melt or shrink to any appreciable degree upon decomposition during exposure to a high heat source
    - Be manufactured from flame retardant treated (FRT) cotton, FRT rayon, FRT wool, aramid (Nomex), or other similar fabric

### **Support Water Tender Equipment Requirements:**

1. Foam Units. The government shall provide the foam or make reimbursement only for approved chemicals when provided by the contractor. A list of approved chemicals can be found at [www.fs.fed.us/fire/tools\\_tech/index.html](http://www.fs.fed.us/fire/tools_tech/index.html)
2. Water Tank Baffles. The water tanks must be equipped with partitions that reduce the shifting of the water load, including transverse baffles. Support water tenders shall have the water tank baffled in a manner that conforms to NFPA Standard 1906, or the American Society of Mechanical Engineers standards or other industry-accepted engineering standard.
3. Support water tenders shall have a spreader bar or equivalent that is capable of broadcasting an even spray of water across a road surface (must demonstrate at inspection).
4. All cargo and equipment not permanently attached to the vehicle shall be secured in accordance with requirements found in 49 CFR 393. Synthetic strapping will not be accepted.



5. When typing support water tenders, all of the requirements for both equipment and personnel must be met. In addition, a government fire expert must certify the equipment and personnel both meet the minimum requirements.
6. Inventory. At the time of hire, the contractor shall provide a complete inventory of the firefighting complement on the vehicle. A copy of the inventory shall be provided to the government fire expert and the procurement unit each time the vehicle is hired or reassigned to an incident.
7. Fully loaded tenders and trucks (including operators and complement) must conform to manufacturer's gross vehicle weight rating (GVWR) and gross axle weight rating (GAWR). This includes balancing the load in a manner that all axle weights comply with the manufacturer's gross axle weight rating. **The vehicle GVWR/GAWR plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If missing or illegible, the Contractor shall provide a GVWR certificate from manufacturer stating front, rear and total GVWR.** The contractor may be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact the design limits of the equipment have not been compromised.
  - a. At time of hire, resource may be required to be fully loaded, with the contractor providing weight tickets for the load from a certified scale. The weight tickets will be by individual axle weight. All resources shall arrive at incident fire ready.
8. At time of hire, contractor shall meet minimum standards and shall be documented on the forms below.
9. Vehicles shall be licensed to carry the loaded GVW of the unit. Vehicles which require a CDL operator when operating on public highways shall be furnished with and operated by a licensed CDL operator at all times.
10. Modifications of tanks to meet GVWR must be permanent; overflow devices and water displacement devices are not allowed.

**SUPPORT WATER TENDER MINIMUM INVENTORY – See Checklist on Pages 35-36:**

## **CERTIFICATION - SUPPORT WATER TENDERS**

This certification is incorporated in and made part of Emergency Equipment Rental Agreement No. \_\_\_\_\_ . The equipment listed herein meets all of the minimum requirements for the equipment type.

**EQUIPMENT TYPE**

**SERIAL NO.**

**LICENSE NO.**

The following individuals meet all the personnel and training requirements for the position listed.

**NAME**

**POSITION**

The personnel listed above shall be provided with the equipment, in the numbers required by the agreement and equipment typing configurations. The personnel and equipment qualifications are in accordance with NRCG Supplement to Chapter 20 of the Interagency Incident Business Management Handbook.

A copy of the Emergency Equipment Rental Agreement, along with this certification, shall be provided to the Finance/Administration Section Chief or their designated representative immediately upon arrival at the incident.

Failure to provide equipment meeting the typing configurations or the above-named personnel shall void the payment schedule listed in Blocks 11, 12 and 13 of the agreement.

I certify that the above-listed equipment meets the minimum typing standards for the type listed. I also certify that the above-listed personnel meet all of the qualification requirements for the position(s) listed.

\_\_\_\_\_  
Government Representative (Signature)

\_\_\_\_\_  
Contractor Representative (Signature)

\_\_\_\_\_  
Name and Title (Printed)

\_\_\_\_\_  
Contractor Name (Printed)

\_\_\_\_\_  
Home Unit

\_\_\_\_\_  
Address

\_\_\_\_\_  
Phone No.

\_\_\_\_\_  
City, State

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**CHECKLIST - SUPPORT WATER TENDERS**

Equipment Type \_\_\_\_\_

Serial No. \_\_\_\_\_

1. Pump Capacity (GPM) \_\_\_\_\_

2. Tank Capacity (Gallons) \_\_\_\_\_

3. Off Load Capacity (GPM) \_\_\_\_\_

4. Maximum Refill Time (Minutes) \_\_\_\_\_

5. Meets Personnel Standards \_\_\_\_\_

6. Baffled Tank \_\_\_\_\_

7. Back up Alarm (87 decibel measured while standing 5 feet behind and in the center of vehicle) \_\_\_\_\_

**8. Complement Requirements:**

|   |  |
|---|--|
| 1½ inch nozzle NH – combination; fog/straight stream (plastic or metal)             |  |
| 1½ inch NH female to 1 inch NPSH male reducer                                       |  |
| 20 feet suction hose (minimum) with strainer or screened foot valve                 |  |
| Shovel, size 0  |  |
| Pulaski   |  |
| Spanner wrench, combination 1½ to 2½  |  |
| Adjustable hydrant wrench   |  |
| 2 adapters, 1½ inches NPSH female to 1½ inches NH male                              |  |
| 2 adapters, ¼ turn to 1½ inches NH (1 female and 1 male ea.)                        |  |
| 2 adapters, 1½ inches NH female to 1½ inches NPSH male                              |  |
| 2 reducers, 2½ inches NH female to 1½ inches NH male                                |  |
| 1 double male, 1½ inches NH   |  |
| 1 double female, 1½ inches NH   |  |
| 1 gated wye, 1½ inches NH   |  |
| 1 Forestry Hose Clamp - 2½ inches   |  |
| 1 first aid kit (5 person)  |  |
| Reflectors (1 set of 3)   |  |
| Fire extinguisher (5BC or better)   |  |
| Wheel chocks (meets industry, standards for wheel chocks)                           |  |
| Fuel to operate pump and engine for 12 hours (minimum 5 gallons)                    |  |
| 2 each, portable hand lights  |  |
| 100 feet of 1½ inches cotton/synthetic hose, NH thread                              |  |
| 50 feet of 2½ inches cotton/synthetic hose, NH thread                               |  |
| Discharge outlets: 2 each 1½ inches NH thread                                       |  |
| Discharge outlet, 1 each 2½ NH thread   |  |
| Tire Tread Depth equal or better than 4/32" on steer axles 2/32" on remaining tires |  |

|   | GVWR | FRONT AXLE | REAR AXLE |
|---|------|------------|-----------|
| 9. Chassis Manufacturer's GVWR                  |      |            |           |
| 10. Loaded Actual Weight (from certified scale) |      |            |           |

**NOTE: Equipment not required by this list is carried at the contractor's own risk. Compensation will not be given for additional items. Please list additional items on the back of this form. Attach to OF-296.**

**CONFIGURED AS ABOVE, THIS UNIT IS CLASSIFIED AS A TYPE \_\_\_\_\_  
WATER TENDER.**

|                        |  |      |  |
|------------------------|--|------|--|
| Contractor's Signature |  | Date |  |
| Inspector's Signature  |  | Date |  |

## **TRUCK, WATER REQUIREMENTS:**

### **Personnel Requirements for Water Trucks:**

1. There are no physical fitness requirements.
2. Annual Fireline Safety Refresher Training (RT-130) or equivalent. This position **must** be accompanied by a NWCG 310-1 qualified supervisor if requested to go to the fireline.
3. The following personal protective equipment is required and must be provided by the contractor:
  - Boots - All leather, lace-up type, minimum 8 inches high with lug type sole in good condition (steel toed boots are unacceptable).
  - Hardhat - Plastic, Class B, ANSI Z89.1, 1986, OSHA approved, with chinstrap. NOTE: Hardhat meeting NFPA Standard 1977, 1998 Edition, is required.
  - Gloves - One pair heavy duty leather per person.
  - Eye Protection - One pair per person (meets standards ANSI 287, latest edition).
  - Head Lamp - One lamp per person with batteries and attachment for hardhat.
  - Canteen - 1-quart size, two per person required, four per person recommended (filled prior to arrival at incident).
4. The following items may be provided by the government if needed:
  - Fire Shelter - One serviceable shelter per person.
  - Flame Resistant Clothing - Shirt and trousers for routine fireline duties, flame resistant clothing must:
    - Self-extinguish upon removal from heat source.
    - Act as effective thermal barrier by minimizing conductive heat transfer.
    - Not melt or shrink to any appreciable degree upon decomposition during exposure to a high heat source.
    - Be manufactured from flame retardant treated (FRT) cotton, FRT rayon, FRT wool, aramid (Nomex), or other similar fabric.

### **Water Truck Equipment Requirements:**

1. At time of hire, contractor shall meet minimum standards and shall be documented on the forms below.
2. Water Trucks shall have a spreader bar or equivalent that is capable of broadcasting an even spray of water across a road surface (must demonstrate at inspection).
3. The water tanks must be equipped with partitions that reduce the shifting of the water load. Water trucks shall have the water tank baffled in a manner that conforms to the NFPA Standards for Mobile Water Supply Apparatus, or the American Society of Mechanical Engineers standards or other industry-accepted engineering standards.
4. All cargo and equipment not permanently attached to the vehicle shall be secured in accordance with requirements found in 49 CFR 393. Synthetic strapping will not be accepted.
5. When typing water trucks, all requirements for both equipment and personnel must be met.

6. At the time of hire, the contractor shall provide a complete inventory of the firefighting complement on the vehicle. A copy of the inventory shall be provided to the government fire expert and the procurement unit each time the vehicle is hired or reassigned to an incident.
7. Fully loaded tenders and trucks (including operators and accessory equipment) must conform to manufacturer's gross vehicle weight rating (GVWR) and gross axle weight rating (GAWR). This includes balancing the load in a manner that all axle weights comply with the manufacturer's gross axle weight rating. **The vehicle GVWR/GAWR plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If missing or illegible, the Contractor shall provide a GVWR certificate from manufacturer stating front, rear and total GVWR.** The contractor may be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact the design limits of the equipment have not been compromised.
  - At time of hire, resource may be required to be fully loaded, with the contractor providing weight tickets for the load from a certified scale. The weight tickets will be by individual axle weight. All resources shall arrive at incident fire ready.
8. Vehicles shall be licensed to carry the loaded GVW of the unit. Vehicles which require a CDL operator when operating on public highways shall be furnished with and operated by a licensed CDL operator at all times.
9. Modifications of tanks to meet GVWR must be permanent; overflow devices and water displacement devices are not allowed.

### **CERTIFICATION - WATER TRUCKS**

This certification is incorporated in and made part of Emergency Equipment Rental Agreement No. \_\_\_\_\_.

The equipment listed herein meets all of the minimum requirements for the equipment type.

**EQUIPMENT TYPE**

**SERIAL NO.**

**LICENSE NO.**

---

A copy of the Emergency Equipment Rental Agreement, along with this certification shall be provided to the Finance/Administration Section Chief or their designated representative immediately upon arrival at the incident.

Failure to provide equipment meeting the typing configurations shall void the agreement.

I certify that the above listed equipment meets the minimum typing standards for the type listed.

\_\_\_\_\_  
Government Representative (Signature)

\_\_\_\_\_  
Contractor Representative (Signature)

\_\_\_\_\_  
Name and Title (Printed)

\_\_\_\_\_  
Contractor Name (Printed)

\_\_\_\_\_  
Home Unit

\_\_\_\_\_  
Address

\_\_\_\_\_  
Phone No.

\_\_\_\_\_  
City, State

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**CHECKLIST - WATER TRUCK**

Equipment Type \_\_\_\_\_

Serial No. \_\_\_\_\_

1. Pump Capacity (GPM) \_\_\_\_\_

2. Tank Capacity (Gallons) \_\_\_\_\_

3. Off Load Capacity (GPM) \_\_\_\_\_

4. Maximum Refill Time (Minutes) \_\_\_\_\_

5. Spreader Bar or equivalent \_\_\_\_\_

6. Baffled Tank \_\_\_\_\_

7. Meets Personnel Standards \_\_\_\_\_

8. Wheel Chocks (Meet Industry Std.) \_\_\_\_\_

9. Fire Extinguisher (5BC or better) \_\_\_\_\_

10. Drafting Hose (20 ft w/strainer) \_\_\_\_\_

11. First Aid Kit (five person) \_\_\_\_\_

12. Tire Tread Depth greater than 4/32" on steer  
axles and 2/32" on remaining tires \_\_\_\_\_13. Back-up Alarm 87 decibels while measured  
standing 5 feet behind and in the center of vehicle. \_\_\_\_\_

|   | GVWR | Front Axle | Rear Axle |
|---|------|------------|-----------|
| 14. Chassis Manufacturer's GVWR                 |      |            |           |
| 15. Loaded Actual Weight (from certified scale) |      |            |           |

**NOTE: Equipment not required by this list is carried at the contractor's own risk. Compensation will not be given for additional items. Please list additional items on the back of this form. Attach to the OF-296.**

**CONFIGURED AS ABOVE THIS UNIT IS CLASSIFIED AS A TYPE \_\_\_\_\_  
WATER TRUCK**

|                        |  |      |  |
|------------------------|--|------|--|
| Contractor's Signature |  | Date |  |
| Inspector's Signature  |  | Date |  |



## **ALL OTHER EQUIPMENT:**

### **ALL-TERRAIN VEHICLES AND UTILITY TERRAIN VEHICLES:**

The preferred method of hire is Commercial Rates.

| <b>Class</b> | <b>Remarks</b>   |
|--------------|--|
| UTV*         | <ul style="list-style-type: none"><li>• Delivery and pickup negotiated separately.</li><li>• Negotiate trailer separately.</li><li>• Must have certified ROPS.</li><li>• Incident must provide operators who meet agency certification.</li><li>• Must be all wheel drive.</li></ul>                                   |
| ATV          | <ul style="list-style-type: none"><li>• Tie-downs and ramps are included in daily rate. Delivery and pickup negotiated separately.</li><li>• Incident must provide operators who meet agency certification.</li><li>• Must be all wheel drive.</li><li>• No 3-wheel vehicles.</li><li>• No 2-stroke engines.</li></ul> |

**\* UTVs must be equipped with certified Rollover Protective Structures (ROPS) and used in conjunction with seatbelts. In accordance with safety standards, model Max IV UTV shall not be hired.**

### **AMBULANCES - GROUND BASED PRIVATE**

Preferred method of hire is commercial rates. Use daily rate and provide for reimbursement for the expendable supplies. Operators may be hired at the appropriate agency rate. Ambulances and operators shall meet state rules, regulations and licensing requirements where such exist. The age, condition, and configuration of ambulances vary significantly and directly impact the operational costs. The Medical Unit Leader shall ensure all individuals are qualified to do the work requested.

ALS and BLS standards are defined by state rules, regulations and licensing requirements.

Ambulance must provide inventory.

Please see the Northern Rockies policy on Incident Medical Specialists (IMS) prior to ordering ambulances on incidents. Private ambulances should only be hired if the incident is in such a remote location that community EMS or area Life Flight is not available. Contact Mary Jo Lommen at 406-329-4930.

[http://www.fs.fed.us/r1/fire/nrcg/Committees/Operations/ims/ims\\_web\\_site/index.html](http://www.fs.fed.us/r1/fire/nrcg/Committees/Operations/ims/ims_web_site/index.html)

| <b>Type</b> | <b>Level of Care</b>        |
|-------------|-----------------------------|
| 1           | Advanced Life Support (ALS) |
| 2           | Basic Life Support (BLS)    |

## **BUSES – General:**

1. **Buses for Hire.** **The first source of supply shall be the USDA Forest Service, National Competed Bus Agreements.** For all buses, the incident agency shall be responsible for processing the payments.
2. Ordering of all buses in the Northern Rockies shall be through the dispatch/resource ordering process.
3. Contractors/operators shall not exceed duty limitation hours set forth in Chapter 10, Section 12.7 of the IIBMH.
4. **School-Type Buses.** Buses may be rented fully operated or unoperated and with or without government-furnished items. The elements of cost, liability, and bus availability may vary depending on the method used. The rental method chosen should be selected that will best meet agency needs at the lowest overall cost.
5. The preferred method of procuring buses is fully operated. Because of vendor limitations, it may be necessary to hire the bus unoperated with the government providing the operator. When the bus is hired fully operated the contractor is responsible for meeting all state laws, including insurance coverage, for the state(s) in which an assignment is initially accepted or reassigned. All buses shall meet the insurance requirements of Department of Transportation (DOT) Regulation CFR 49 Part 387.33, which specifies a minimum \$5,000,000 insurance coverage.
6. **Contracting for School-Type Bus Services.**
  - All buses will have a date of manufacture January 1, 1977, or later.
  - The DOT and state law governs operator licensing. Each operator will have the appropriate commercial drivers license (CDL).
  - All buses shall have proof of current safety inspection.  
Current safety ratings for contractors may be accessed at the following website: <http://www.safersys.org>, then click on "SAFER Database Queries" or at <http://ai.volpe.dot.gov/SafeStat/SafeStatMain.asp>
7. All buses shall have the capability to safely transport personnel, packs and hand tools either internally or externally and shall have a minimum of 120 cubic feet of storage space. Internal cargo storage areas will be constructed of durable materials that can safely and securely hold a minimum of 5100 pounds of firefighting gear. The storage area shall be securely mounted to the body or frame of the vehicle. The device will be engineered for the protection of the passengers, with no sharp edges or unfinished areas that may cause personnel injury. The storage area as designed shall not block exits that allow for the safe egress of personnel. Due to the wracking nature of off-road personnel carriers, storage areas shall be constructed as to withstand shifting cargo. Storage areas may be constructed of heavy weight ballistic nylon that is reinforced with heavy webbing that encapsulates the load, but netting is not approved. If the storage area is a cage like devise then the frame shall be

constructed of metal. The internal or external transport space must meet Federal Motor Carrier – Safety Regulations 392.62 (c) 1, 2, 3 Safe Operations. If the contractor chooses to provide a “chase vehicle” to transport packs/tools, it shall be at no cost or liability to the government. If the government is required to provide a “chase vehicle” to carry packs/tools because the bus cannot transport them, \$150/day will be deducted from the contractor’s invoice. Buses shall not transport flammable/combustible liquids, such as chainsaw gas, internally. Flammable/combustible liquids may be transported in a DOT approved external compartment. A chase vehicle for these items may be provided by the government.

8. **Reference Northern Rockies Mobilization Guide for number of hours personnel may be transported in a school bus.**
9. **Basis and Amount of Payment.** Payment for competed agreements and local EERAs/I-BPAs are based either on the mileage rate or daily rate, whichever is greater. The host agency for the incident is the designated payment office. **NO BUS SHALL BE RELEASED OR REASSIGNED WITHOUT A COMPLETED EQUIPMENT USE INVOICE FOR THE INCIDENT LEAVING.**

#### **BUSES, CREW TRANSPORT (school) – Rates:**

|  | <b>Fully Operated<br/>Mileage Rate (\$)</b> | <b>Unoperated<br/>Mileage Rate (\$)</b> | <b>Operated<br/>Daily Rate (\$)<br/>(Guarantee)</b> | <b>Unoperated<br/>Daily Rate (\$)<br/>(Guarantee)</b> |
|--|---|---|---|---|
| Capacity 22 or greater   | 3.27  | 2.05                                    | 818.00  | 513.00  |
| • Payment is based on either mileage rate or daily rate (guarantee), whichever is greater. |   |   |   |   |

#### **BUSES, COACH – Rates:**

|  | <b>Fully Operated<br/>Mileage Rate (\$)</b> | <b>Daily Rate (\$)<br/>(Guarantee)</b> |
|--|---|--|
| Coach  | 3.37  | 843.00                                 |
| • Payment is based on either mileage rate or daily rate (guarantee), whichever is greater. |   |  |

#### **CHAINSAWS – General:**

The first source of supply shall be the USDA Forest Service, Region 1, 2011 Faller Module Agreements.

Federal agencies must comply with agency direction in the Administratively Determined (AD) Pay Plan for Emergency Workers for unoperated equipment and cannot enter into EERAs/I-BPAs for the faller’s equipment.

For fallers not hired under the R1 Faller Module Agreement:

- State hired EFF/AD Fallers may be hired at the appropriate agency rate set forth in Chapter 10, Pay Plan for Emergency Workers. The operator will normally furnish a vehicle, capable of traversing mountainous terrain, hired at a flat daily rate (\$34) for transportation to, from, and around the worksite. The purpose of the vehicle is primarily to provide the sawyer with access to tools and equipment.
  - Operating supplies beyond fuel, oil, and filters are the responsibility of the contractor. Any saw rented shall be a minimum 3.75 cubic inch displacement.
  - Sawyer hired at appropriate personnel rates, first operational period fuel and operating supplies provided by contractor
  - A saw team is two people, a sawyer and a swamper, with one saw. Swampers must be Class A qualified fallers (or equivalent). Note: Two sawyers may also be ordered, with two saws, Class B or Class C qualified, or equivalent. Must be specified on the resource order.

### **CHAINSAW – Rates & Standards:**

|  | <b>Unoperated Daily Rate<br/>for Saw (\$)</b> | <b>Unoperated Daily Rate<br/>Sawyer Vehicle (\$)</b> |
|--|---|--|
| 3.75+cubic inch  | 45  | 34   |
| <ul style="list-style-type: none"> <li>• Each sawyer will only be compensated for one chainsaw. No compensation for backup saws.</li> <li>• Minimum saw size 3.75 cubic inches.</li> </ul> |   |  |

### **Single Fallers and Faller Modules**

|  | <b>Daily Rate</b> |
|--|-------------------|
| Single Faller  | \$703.00          |
| Faller Module (Two Fallers)  | \$1232.00         |
| <ul style="list-style-type: none"> <li>• Single Faller and Faller Module rate shall include equipment, operating supplies, appropriate insurance and transportation</li> <li>• Single Faller and Faller Module should provide verifiable proof of experience</li> <li>• Single Faller and Faller Module should provide proof of liability insurance, Workers Compensation insurance or exemption</li> <li>• Faller Module is comprised of two professional sawyers fully equipped</li> </ul> |                   |

### **FUEL TENDER – GENERAL**

**The first source of supply shall be the BLM 2010 Fuel Tender Agreement.**

Current vendors and specifications can be found at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html>

1. The preferred method of hire is a daily rate with the contractor providing the operating supplies, one operator per shift, and the ability to accept credit cards in the field.

2. Vendors must be able to accept major credit cards for payment of fuel at the work site.
3. If camp location precludes use of credit cards, a contractor who cannot provide credit card service can be used and the contractor will then instruct the fuel tender operator to complete Emergency Equipment Fuel and Oil Issue tickets, OF-304, and reconcile them with the Finance Section on a daily basis. When the contractor provides the fuel to government and contract vehicles, the agreement should state the basis of payment for the dispensed fuel, oil and miscellaneous products.
4. Fuel tender shall be fully registered as a commercial vehicle and be current with all DOT, EPA, and state inspection requirements. Vehicles which require a CDL operator when operating on public highways shall be provided with a qualified operator at all times.
5. Fuel tender dispensing system must be so designed to eliminate the wrong product being dispensed, e.g. gasoline being introduced into a diesel-powered vehicle due to the dispensing system not being completely drained from the previous fueling. A separate dispensing system for each product carried is required.
6. Fuel tender shall contain a certified meter to measure accurate deliveries.
7. Spill containment kits are required and must meet state hazardous materials containment requirements. No separate payment will be made for nursing tender or spill containment kits.
8. A spreadsheet for the tracking of fuel issues may be found at:  
[http://www.fs.fed.us/r1/fire/nrcg/Committees/business\\_committee.htm](http://www.fs.fed.us/r1/fire/nrcg/Committees/business_committee.htm)

### **FUEL TENDER – Rates:**

| Type | Size          | Fully Operated<br>Daily Rate<br>Single Shift (\$) | Fully Operated<br>Daily Rate<br>Double Shift (\$) |
|------|---------------|---|---|
| 1    | 2500+ gal     | 1661  | 2741  |
| 2    | 1500-2499 gal | 1515  | 2500  |
| 3    | 1000-1499 gal | 1369  | 2259  |

- Hazmat spill kit meeting state hazardous materials containment requirements.
- Fire extinguisher, 10BC or better.
- Chock blocks of appropriate size for tire diameter.
- Flashlight.
- Electric back-up alarm, minimum 87 decibels measured while standing 5 feet behind and in center of the vehicle.
- Reflectors, one set of three.
- Fuel will be paid at the current bulk fuel price. Per gallon price will be established at the time of hire and shall be displayed in a visible fashion. Due to the rapidly changing nature of fuel prices, no guarantees can be made for prices of fuel and the contractor has the right to charge what is fair and accurate based on the bulk fuel price.
- **For scheduled partial days (for example, mornings and/or nights), a negotiated hourly and mileage rate may be established not to exceed daily rate.**

### **LOWBOY/TRANSPORTS – General:**

**The first source of supply shall be the Forest Service 2011 Transport Agreement.**

Current vendors and specifications can be found at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html>

The term "transport" includes a truck tractor with trailer(s), or trucks with tilt beds. Trailers may be an enclosed van, flatbed, or lowboy-type for hauling heavy equipment.

When long haul transport services are required for trips greater than 500 miles one way, commercial rates and invoicing shall be the method of hire.

Agencies will only pay for transport charges for haul-in and haul-out. Upon arrival at the incident, the transport will be released unless directed to remain for on-incident use, by the Operations Section Chief in writing. Signed shift tickets are not adequate documentation for this purpose. Transports retained for incident operations shall be assigned a separate resource order number (E#), be hired on an EERA/I-BPAs and be identified on the Incident Action Plan. Transports arriving under a competed agreement might not have the necessary EERA/I-BPAs in place for on-incident use. The competed agreements' daily rate and mileage applies to haul in and haul out only. EERA/I-BPAs daily rate for the same transport applies beginning the first full operational period for incident use.

Transports that haul equipment not owned by the transport company are required to have Common Carrier Insurance.

When transporting between tariff locations by a licensed common carrier, shipments and payment should be according to the appropriate established tariff. Federal and state agencies should use a Commercial Bill of Lading (CBL) for shipments of this type.

When required by state law, the government, upon presentation of invoice or receipt, will reimburse the cost for pilot vehicles and overload permits. Contractors are responsible for meeting all state requirements, such as weight restrictions and hauling permits.

### **LOWBOYS/TRANSPORTS – Rates:**

| <b>TYPE</b> | <b>Trailer Weight GVWR</b> | <b>Fully Operated Daily Rate (\$)</b> |
|-------------|----------------------------|---------------------------------------|
| 1           | 61K+                       | 1519                                  |
| 2           | 37K-60K                    | 1315                                  |
| 3           | 20K-36K                    | 1010                                  |

When a transport and another piece of heavy equipment, such as a dozer, are ordered with a single operator to operate BOTH pieces of equipment, adjustments to the payment amount will be made as follows: Equipment will be paid at the daily rate and the daily transport rate will be reduced by \$447.

## **OFFICE, CLERICAL SUPPORT MODULE**

### **First source of supply shall be the 2008 Region 1 USDA Forest Service competitive solicitation**

| <b>Remarks</b>   |
|--|
| Full service copy center includes FAX, copy machines, operators and supplies.                |
| Hire Fully Operated at daily, weekly or monthly commercial rates. Per copy rates additional. |

## **OFFICE, MODULAR**

| <b>Remarks</b>  |
|---|
| Daily, weekly or monthly commercial rates.                          |
| Should include set up, take down, OSHA approved steps for all doors |
| Mobilization and demobilization mileage may apply                   |
| Generally paid by commercial invoice.                               |

## **OFFICE MACHINES**

|         | <b>Remarks</b>   |
|---------|--|
| Various | Use commercial rates when available. Rentals shall not exceed value of equipment, not including service, delivery/pickup and supplies. |

## **PACK AND SADDLE STOCK**

Fully equipped pack and saddle stock must be signed up with packer(s). Costs of transporting stock to designated locations may be paid as a separate item. Contractor is responsible to provide feed and veterinary expenses. Contractor must provide and use weed-free hay only.

| <b>Remarks</b>                        |
|---------------------------------------|
| Use Commercial rates where available. |

## **PUMP, PORTABLE**

| <b>Type</b> | <b>Unoperated Daily Rate (\$)</b> | <b>Remarks</b>  |
|-------------|-----------------------------------|---|
| 1           | 140.00                            | Trailer-mounted low-pressure/high-volume pump producing a minimum volume of 500 GPM. Contractor provides intake and discharge hose.   |
| 2           | 66.00                             | Small low-volume/high-pressure portable pumps with intake hose, capable of being transported by one or two people. Pumps in this category are the Mark 26, Mark III and Gorman Rupp, or similar type pumps. |
| 3           | 38.00                             | Small low-pressure/high-volume portable pump that can be transported by one or two people. These pumps are similar to a Homelite or Honda trash pump.   |



## **TOILETS, PORTABLE**

**The first source of supply for all agencies within the Northern Rockies shall be the Montana DNRC 2010 Portable Toilet & Handwash Station agreements.**

| Remarks   |
|---|
| Standard method of hire: Commercial daily rate, which includes delivery, pickup, servicing, plus mileage. |

## **TRANSPORTATION, RENTAL VEHICLES**

**The first source of supply for all agencies within the Northern Rockies shall be the Montana DNRC 2010 unoperated vehicle agreements.**

1. Consideration should be given to weekly or monthly rates when determined to be more economical. See IIBMH, Chapter 10, and Section 16.1-4, for more information on car rental.
2. When dealing with national rental companies, ensure the vendor understands the vehicles may be used off-road. For that reason, the preferred method of hiring vehicles is on the EERA/I-BPAs form. The purchase card may also be used for agencies other than the Forest Service. If the purchase card is used, the cardholder shall consider:
  - a. how the vehicles will be closed out at the end of the cardholder's assignment,
  - b. that use is for ALL government employees, and
  - c. a process for claim settlement that may result from the rental.
3. Vehicles should be rented at rates not to exceed those charged the public and should show both daily and weekly rates. It is recommended the procurement officer determine ownership and review the vehicle registration.
4. Equipment shall be equipped with spare tire, wheel wrench, and jack.
5. Vehicles shall be in good condition and meet all state and local laws for operation on public roads. Vehicle cleanup after use should be addressed at the time of signup. The government has the option of cleaning the vehicles before final inspection or providing compensation to the vendor for cleanup. The preferred method of cleanup is for the government to provide this service allowing for a better inspection process.

## **TRANSPORTATION, PRIVATELY OWNED VEHICLES**

There are two standard methods of hire:

- Unoperated, daily rate plus mileage rate. The government provides operating supplies. Agencies must adhere to their policies regarding hiring of drivers and equipment.
- Fully operated, daily rate plus mileage rate. The government provides operating supplies. Vendors entering into fully operated vehicle agreements should assure their insurance coverage is compliant with agreement requirements. Reference FAR 52.247-21.



**AUTOMOBILE – Rates:**

|                           | <b>Unoperated<br/>Daily Rate (\$)</b> | <b>Fully Operated<br/>Daily Rate (\$)</b> | <b>Mileage Rate (\$)</b> |
|---------------------------|---------------------------------------|---|--------------------------|
| Sedans, midsize or larger | 48.00                                 | 296.00                                    | .16                      |

**PICKUPS, 4X2 – Rates:**

|         | <b>Unoperated<br/>Daily Rate (\$)</b> | <b>Fully Operated<br/>Daily Rate (\$)</b> | <b>Mileage Rate (\$)</b> |
|---------|---------------------------------------|---|--------------------------|
| Compact | 37.00                                 | 285.00                                    | .15                      |
| ½ ton   | 44.00                                 | 292.00                                    | .19                      |
| ¾ ton   | 49.00                                 | 297.00                                    | .22                      |
| 1 ton   | 60.00                                 | 308.00                                    | .31                      |

**PICKUPS, 4X4 – Rates:**

|         | <b>Unoperated<br/>Daily Rate (\$)</b> | <b>Fully Operated<br/>Daily Rate (\$)</b> | <b>Mileage Rate(\$)</b> |
|---------|---------------------------------------|---|-------------------------|
| Compact | 44.00                                 | 292.00                                    | .19                     |
| ½ ton   | 49.00                                 | 297.00                                    | .22                     |
| ¾ ton   | 55.00                                 | 303.00                                    | .24                     |
| 1 ton   | 68.00                                 | 316.00                                    | .35                     |

**SPORT UTILITY (BLAZER/SUBURBANS/EXPLORERS/JEEPS) – Rates:**

|         | <b>Unoperated<br/>Daily Rate (\$)</b> | <b>Fully Operated<br/>Daily Rate (\$)</b> | <b>Mileage Rate (\$)</b> |
|---------|---------------------------------------|---|--------------------------|
| Compact | 53.00                                 | 301.00                                    | .24                      |
| ½ ton   | 58.00                                 | 306.00                                    | .31                      |
| ¾ ton+  | 65.00                                 | 313.00                                    | .35                      |

**TRUCKS, STAKESIDE/STOCK – Rates:**

|                    | <b>Size</b>             | <b>Unoperated<br/>Daily Rate (\$)</b> | <b>Fully Operated<br/>Daily Rate (\$)</b> | <b>Mileage<br/>Rate (\$)</b> |
|--------------------|-------------------------|---------------------------------------|---|------------------------------|
| 8,500-12,000 GVW   | 9-foot platform and up  | 67.00                                 | 438.00                                    | .37                          |
| 12,001-14,5000 GVW | 12-foot platform and up | 78.00                                 | 449.00                                    | .60                          |
| 14,501-21,000 GVW  | 12-foot platform and up | 92.00                                 | 463.00                                    | .73                          |
| 21,000+ GVW        | 12-foot platform and up | 104.00                                | 475.00                                    | .84                          |

### **VANS, PASSENGER – Rates:**

**IN ACCORDANCE WITH AGENCY POLICY, VANS CLASSIFIED AS 15 PASSENGER SHALL NOT BE HIRED.**

|                | <b>Unoperated<br/>Daily Rate (\$)</b> | <b>Fully Operated<br/>Daily Rate (\$)</b> | <b>Mileage Rate (\$)</b> |
|----------------|---------------------------------------|---|--------------------------|
| Mini, 7 pass   | 55.00                                 | 303.00                                    | .24                      |
| ½ ton, 8 pass  | 60.00                                 | 308.00                                    | .27                      |
| ¾ ton, 12 pass | 68.00                                 | 316.00                                    | .32                      |

### **TRUCK/TRAILER, REFRIGERATION – General**

Onsite pickup and delivery rates may be in addition to the unoperated daily rate. Rates for truck-mounted refrigerator units will be significantly higher than trailer units and must be negotiated. Use commercial rates when available. Equipment must meet commercial standards for refrigerator trailers.

### **TRUCK/TRAILER, REFRIGERATOR – Rates:**

| <b>Type</b> | <b>Trailer Length</b> | <b>Unoperated Daily Rate (\$)</b> |
|-------------|-----------------------|-----------------------------------|
| 1           | 43+ feet              | 153                               |
| 2           | 29 - 43 feet          | 124                               |
| 3           | 20 - 28 feet          | 90                                |

### **TRUCKS, SERVICE: General**

**First source of supply shall be the R1 Forest Service 2008 Service/Shop Truck competitive solicitation.**

The rates are based on commercial heavy equipment service trucks that include field repair and maintenance as a major part of their normal business. The trucks are to be fully equipped with welder, cutting torch, compressor, and tools.

- Type 1, heavy equipment service trucks, normally carry an auto crane with a capacity between 500 and 4,000 lbs., with more assorted mechanical tools, tool boxes, welder, cutting torch, air compressor that is around 180 psi at 20 cubic feet per minute, and specialized tools.
- Services provided by Type 1 service trucks may include but are not limited to changing tires, repair of steel tracks, repair of hydraulic hoses, fixing simple cracks in metal, removing and replacing heavy parts on equipment, and/or replacing bearings and seals. A generic diagnostic code reader is desirable.
- Type 2, light service trucks normally carry limited mechanical tools, 10-ton lift jack, small portable air compressor, and limited specialized equipment for minor field repairs or maintenance.

- Services provided by Type 2, light service trucks, may include but are not limited to general troubleshooting and repair of passenger cars and trucks, changing tires, repair and carburetor adjustments on small engines, and/or replacing bearings and seals. A generic diagnostic code reader is desirable.

The contractor shall be responsible for keeping records (using Incident Equipment Repair Order form – reference Exhibit 26, page 66) of services and supplies used in repairing vehicles. Repair order forms will be turned in to Finance after each operational period.

**Note:** These records are required by the government to charge contractors for government-provided services (\$75/hr., rounded to nearest ½ hr.) and supplies (actual supplies as identified on the Incident Equipment Repair Order Form).

### **TRUCKS, SERVICE – Rates:**

| Type  | Fully Operated<br>Daily Rate<br>Single Shift (\$) | Fully Operated<br>Daily Rate<br>Double Shift (\$) |   |
|---|---|---|---|
| 1   | 1220  | 2013  | Heavy equipment, diesel mechanic with full service truck                      |
| 2   | 1175  | 1939  | Automotive, light truck, small engine or chainsaw mechanic with service truck |
| <ul style="list-style-type: none"> <li>For additional mechanic, if ordered, increase daily rate by \$434 (one operational period) and \$744 (two operational periods).</li> <li>Service truck is compensated at the <b>daily rate only</b>, and not through the repair rate charged by the government to individual contractors.</li> </ul> |   |   |   |

### **VAN, BOX:**

| Remarks                             |
|-------------------------------------|
| Use commercial rates when available |

## **VEHICLE WASHING SYSTEM – WEED WASH STATION:**

**The first source of supply shall be the USDA Forest Service, Region 1, 2011 Weed Wash Agreements.**

### **A. Vehicle Containment Station Responsibilities:**

#### **The Lead Agency will:**

- Determine weed wash needs and type of unit(s) used and area(s) of placement.

#### **The Government will:**

- Provide wash water to the wash site
- Remove waste water and solid waste
- Inspect washed equipment to ensure that the wash station is meeting agreement requirements. If the wash station does not meet the expectations of the government, it may be removed and replaced with a different system
- Document contractor performance on a performance evaluation form (ICS-224) utilizing the 10 point evaluation system
- Contracting Officers will make a determination of quality and performance, and non-compliance or negligence will be grounds for termination of agreement.

#### **The Contractor shall:**

- Thoroughly wash all vehicles and equipment to remove all soil, plant parts and seeds. Vehicles and equipment include, but are not limited to, fire engines, heavy equipment, logging equipment, transports, pickups, SUVs and sedans
- Ensure that services include, but are not limited to, the removal of all mud, caked dirt, and vegetative parts off the undercarriage, cross members, frame, skid plates, belly pans, wheels, treads, tracks, suspension, bumpers, wheel wells, radiator grills, and the ledges on the inside of rear and front bumpers
- Visually and manually inspect hard to reach areas to ensure they are clean
- Inspect and wash all soil and plant parts off of drafting hoses and drafting gear on engines and water tenders
- Ensure that the system used does not cause damage to the paint or electrical connections of vehicles and equipment being washed
- Ensure that all equipment and procedures are safe and compliant with all relevant OSHA regulations and safety codes.
- Keep the wash station in repair and fully operational during the designated assignment
- Capture, package and label solid waste in secure, easily transportable containment packages/devices, approved by the government representative at the incident, and place them at a location specified by the government. Containers/packages of solid waste shall weigh no more than 50 lbs each
- Maintain a daily record of all washed vehicles. The contractor shall use government forms, if required by the government

#### **The Contractor shall not:**

- Dispose of solid waste. This is the responsibility of the government to ensure proper disposal.

- Discharge or otherwise dispose of liquid waste unless approved by the lead agency at the incident or project.

## **B. Weed Wash Containment Station Equipment**

Wash systems may be high pressure with low volume or low pressure with high volume. High pressure systems have water pressures designated above 1000 pounds per square inch (psi), while high volume systems deliver 10 gallons of water per minute or more. The vendor may use a high pressure/low volume or high volume/low pressure system.

|   |  |
|---|--|
| Type 1  | Self-Contained with Recycling Water System     |
| Type 2  | Self-Contained with Non-Recycling Water System |
| Standard method of hire: Daily rates which includes delivery, pickup, servicing, plus mileage and fully operated. |  |

### **Type 1: Self-Contained with Recycling Water System**

- a) Portable commercial power washers with two hand-held, high pressure wands/nozzles. These nozzles must be suitable to wash 100% of the underbody surfaces.
- b) Underbody washer. The underbody washing system must have nozzles that can be directed to within 45 degrees of vertical. The spray from these nozzles must be able to cover 100% of the underbody surfaces.
- c) A water source or storage tank. The water source or tank shall have adequate capacity to operate the wash system continuously for a minimum of two hours.
- d) Waste water shall be contained by the wash system. All wash residues shall be removed from the tracking surfaces of the vehicle being washed before vehicle exits system to prevent contamination to the exiting vehicle

If water is recycled, it shall be filtered to a maximum particle size of 100 microns, or use a clean water final rinse. Contractor is responsible for maintaining the quality of the recycled water to ensure clean and safe washed equipment. Contractor shall ensure the containment system is in a functional condition at all times. Gray water must be disposed of in accordance with wastewater requirements of the authority having jurisdiction.

- e) Contractor shall place solid waste in a secure, easily transportable containment device in consultation with the ground support or resource unit on the incident. Solid waste shall be disposed of by the host agency.
- f) Process time to wash a single wildland fire engine shall not exceed 5 minutes average for any 10 fire engines.
- g) The contractor shall provide a minimum of 2 skilled operators that are knowledgeable in the removal of weed seeds, safe operation, maintenance and repair of the wash system. These personnel shall be present at all times during the incident operational periods.

- h) A minimum of two, outdoor duty-rated worklights providing sufficient illumination of the work area for safe and effective operation in wet environments.
- i) The wash system must comply with all applicable OSHA regulations related to operator safety and all segments of the washer must be in operating condition with no missing parts. All alternating current electric motors must be listed with Underwriters Laboratory and approved for the duty of their application.

## **Type 2: Self-Contained with Non-Recycling Water System**

### The system shall have:

- a) Portable commercial power washers with two hand-held, high pressure wands/nozzles. These nozzles must be suitable to wash 100% of the underbody surfaces.
- b) A water source or storage tank. The water source or tank shall have adequate capacity to operate the wash system continuously for a minimum of two hours.
- c) Waste water must be disposed of in accordance with wastewater requirements of the authority having jurisdiction.
- d) Contractor shall place solid waste in a secure, easily transportable containment device. Solid waste shall be disposed of by the host agency.
- e) Geotextile cloth. Amoco Geotextile cloth, Amoco 4553 or the equivalent, having no greater than 150 micron openings shall be utilized. This cloth shall withstand heavy truck traffic. A 15' wide by 40' piece shall be supplied by the contractor and shall be installed on a pad of gravel or a well-drained surface that is provided by the host agency. Contractor shall maintain the mat in a functional condition at all times.

*Alternate: At the discretion of the lead agency a contractor may use an impermeable containment mat and pump the waste water to a better drainage area if they first filter it through Amoco 4553 or equivalent geotextile bags at the discharge end.*

- f) Process time to wash a single wildland fire engine under normal conditions shall not exceed on average eight (8) minutes each.
- g) The contractor shall provide at least one skilled operator to perform operations. The operator shall be knowledgeable in the safe operation, maintenance and repair of the wash system. Operators shall be able to demonstrate knowledge, skills and abilities to manage all waste products from the washer system. These personnel shall be present at all times during the incident operational periods, and are responsible for the safe operation of the wash station.
- h) The wash system must comply with all applicable OSHA regulations related to operator safety and all components of the washer must be in operating condition with no missing

parts. All alternating current electric motors must be listed with Underwriters Laboratory and approved for the duty of their application.

The system may have:

- a) A mechanical underbody washer. The underbody washing system must have nozzles that can be directed to within 45 degrees of vertical. The spray from these nozzles must be able to cover 100% of the underbody surfaces.
- b) An additional operator, skilled and knowledgeable in the safe operation, maintenance and repair of the wash system. Operators shall be able to demonstrate knowledge, skills and abilities to manage all waste products from the washer system. These personnel shall be present at all times during the incident operational periods, and are responsible for the safe operation of the wash station.
- c) A minimum of two, outdoor duty-rated worklights providing sufficient illumination of the work area for safe and effective operation.

**WATER TANK, PORTABLE, SELF-STANDING:**

| Capacity            | Unoperated Daily Rate (\$) |
|---------------------|----------------------------|
| 1,000-1,999 gallons | 33.00                      |
| 2,000-3,000 gallons | 39.00                      |

**25 - UNIQUE ITEMS**

Procurement from Government Employees

The procurement of goods or services from government employees is agency-specific. For those agencies authorized to rent livestock or equipment from government employees, this alternative should be considered as a last source of supply. Documentation for hiring employee equipment must be included in the payment package with a copy remaining with the host unit.

**25.2 - Government Telephone Systems**

Purchase, rental or lease of any telecommunications services or equipment is agency specific. For federal agencies, any required technical approvals shall be arranged prior to ordering. Appropriated dollars shall only be expended for telecommunications supplies or services when being used strictly for Government business.

Telephone lines cannot be installed exclusively for crews' personal use. Pay phones may be ordered if there is no associated cost incurred by the Government for installation, use or removal.

### Cell Phones

Refer to host agency Incident Operating Guidelines for specific guidance on use of all cell phones. All cell phones and satellite phones should be procured through the incident agency.

**Use of personal cell phones and satellite phones will not be reimbursed.**

### Prepaid Calling Cards and TracPhones

These cards will be of the smallest practical number of minutes and their distribution will be controlled and monitored by the requesting Incident Commander or host unit manager.

**FS:** Regular USDA FS Employees should obtain and use the standard federal calling card while on Official Travel/Business (10 minutes for personal use per day is allowed).

Prepaid calling cards are primarily for temporary employees only. They can only be ordered through the local unit. Accountability is required for these cards.

**ID/MT:** The State of Idaho and State of Montana cannot purchase prepaid calling cards.

**BLM:** State/Center or benefiting activity funds may be used to procure a limited amount of non-FTS-2001 prepaid calling cards on an as-needed basis.

**NPS:** Regular NPS Employees should obtain and use the standard federal calling card while on Official Travel/Business (10 minutes for personal use per day is allowed).

## **26 - EERA/I-BPA ADMINISTRATION**

### **26.3 - Documentation**

All commercial motor vehicles shall have a current, periodic (annual) vehicle inspection, which meets the requirements of 49 CFR 396.17. A Commercial Vehicle Safety Alliance (CVSA) sticker dated within the past year may be substituted.

### **26.6 - Contract Claims**

Claims settlement is agency specific, and remains the responsibility of the incident agency. Procurement personnel shall receive direction for claims resolution from the incident agency upon assignment. Only warranted contracting officers have the authority to obligate the government for acquisitions above the micro-purchase threshold.

1. Federal Government Claims. Unless limited by agency policy or the Agency Administrator, any federal agency claim may be settled by a warranted GS-1102 Contracting Officer; and minor claims may be settled by warranted GS-1105 Purchasing Agents. Minor claims are interpreted to include claims that are evident as to existence, responsibility, and reasonable in claimed amount. Claims settlements recommended by a GS-1105 Purchasing Agent exceeding \$2,500 per claim shall be reviewed by a GS-1102 Contracting Officer with specific authority. Some agencies may require claims be reviewed by their legal department.

2. State of Montana Claims. Claims arising on incidents are the responsibility of the incident agency. Claims arising under the jurisdiction of the State of Montana are negotiated by the responsible line officer or Agency Administrator. These individuals may delegate this



authority to other DNRC employees or to the Incident Management Team. When possible, claims should be settled at the incident. For comprehensive information on handling claims against MT DNRC, see the DNRC 300 Incident Business Management Manual, or contact the Business Management Bureau, Forestry Division, Department of Natural Resources and Conservation, 2705 Spurgin Road, Missoula, Montana 59804; office phone: (406) 542-4300.

3. State of Idaho Claims. Settlements arising under the jurisdiction of the State of Idaho can be negotiated by the incident Agency Administrator (Area Supervisor) up to \$2,500. Settlements exceeding \$2,500 must be referred to the Idaho Department of Lands, Bureau of Fire Management, Idaho, 3780 Industrial Avenue, Coeur d'Alene, Idaho 83815; office phone: (208) 769-1522.

4. State of North Dakota Claims. Claims against the state must be made in writing to the Director of Office of Management and Budget. The claim must be filed within 180 days of when the alleged injury was discovered or reasonably should have been discovered. Claim forms may be requested from the Office of Management and Budget, 600 East Boulevard Avenue, Department 110, Bismarck, ND 58505-0400; phone: (701) 328-4904.

## **28 - EXHIBITS**

- Exhibit 22 – Useful World Wide Web link to NRCG Business Committee page:
  - Emergency Equipment Rental Agreement (EERA), Form OF-294
  - EERA General Clauses, Form OF-294
  - Northern Rockies I-Suite Unoperated Equipment Matrix
- Exhibit 23 – Classification for Commercial Driver's License and Definitions of State License Type Endorsements
- Exhibit 24 – Northern Rockies Contract Personnel Requirements
- Exhibit 25 – Aftermarket Equipment Certification Form
- Exhibit 26 – Incident Equipment Repair Order

**Copies of the certification forms and checklists for heavy equipment and water handling equipment are also posted at:**

**<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html>**

**28 - Exhibit 22**

NORTHERN ROCKIES BUSINESS COMMITTEE WEBSITE

[http://www.fs.fed.us/r1/fire/nrcg/Committees/business\\_committee.htm](http://www.fs.fed.us/r1/fire/nrcg/Committees/business_committee.htm)

Includes links to:      EMERGENCY EQUIPMENT RENTAL AGREEMENT  
                                 EERA GENERAL CLAUSES  
                                 R1 I-SUITE UNOPERATED EQUIPMENT MATRIX

\* website will be updated as information becomes available.

## **28 - Exhibit 23**

### **CLASSIFICATION OF COMMERCIAL DRIVER'S LICENSES**

| <b>CLASSIFICATION</b> | <b>DEFINITION</b>  |
|-----------------------|--|
| Class D               | This is the license that most people will carry. It covers any single vehicle under 26,000 GVWR - Trailers under 10,000 GTWR - Vehicles that carry 15 passengers or less including the driver. It is a regular non-commercial license. |
| Class C               | All vehicles UNDER 26,000 lbs. that haul hazardous materials which require placarding, or haul 16 or more passengers including the driver. Trailers not more than 10,000 lbs. GTWR.  |
| Class B               | All single vehicles OVER 26,000 GVWR - Trailers not more than 10,000 GTWR - All vehicles that will carry 16 or more passengers including the driver. Includes all vehicles under Class C or D.   |
| Class A               | Any combination of two or more vehicles, including trailer(s) in excess of 10,000 lbs., articulated buses over 26,000 lbs., and all vehicles authorized under Class B, C, and/or D.  |

**Operators of vehicles that have a GVWR of 10,001 and greater and are engaged in interstate commerce are required to have a current DOT medical examination card in their possession.**

### **DEFINITIONS OF STATE LICENSE TYPE ENDORSEMENTS**

| <b>ENDORSEMENT</b> | <b>DEFINITION</b>  |
|--------------------|--|
| Type 1             | Allows the driver to operate a commercial motor vehicle in any state (interstate). Must be 21 years of age or older.   |
| Type 2             | Limits the driver to operating a commercial vehicle in a single state (intrastate). Must be 18 years of age or older.  |
| M                  | When added to a Class A, B, C or D license, allows the driver to operate a motorcycle or ATV on public roads.  |
| H                  | When added to a Class A, B, or C license, allows the driver to haul hazardous materials that require placarding per DOT regulations.   |
| P                  | Allows the driver to operate a passenger vehicle carrying 16 passengers or more including the driver.  |
| N                  | When added to a Class A, B, or C license, allows the driver to operate a tank vehicle transporting bulk liquid. Not required for "portable" tanks less than 1,000-gallon capacity. |
| X                  | Allows the driver to haul hazardous material and operate a tank vehicle.   |
| T                  | When added to a Class A license, allows the driver to operate any commercial vehicle combination with two or more trailers.  |
| A                  | Air Brake Restriction - placed on the commercial license of those who ARE NOT qualified to operate air brake equipment vehicles.   |

## 28 – Exhibit 24

### Northern Rockies Contract Personnel Requirements

| <b>Classification</b>   | <b>Physical Fitness Test</b> | <b>Fireline Safety Refresher (5)</b> | <b>Personal Protective Equipment (PPE)</b> |
|---|------------------------------|--------------------------------------|--|
| Dozers, skidders, skidgines, superskidgines, soft tracks, feller- bunchers, graders, excavators (1) | No                           | Yes                                  | Yes  |
| Drivers of pickups, SUVs, sedans, cargo   | No                           | Yes/No (2)                           | Yes/No (2)                                 |
| Buses   | No                           | Yes/No (2)                           | Yes/No (2)                                 |
| Transports  | No                           | Yes/No (2)                           | Yes/No (2)                                 |
| Water truck (1)   | No                           | Yes                                  | Yes  |
| Water tenders (*Support) (1)  | No                           | Yes                                  | Yes  |
| Engines Type 1-2, and ARFF (4) (6)  | Light                        | Yes                                  | Yes  |
| Engines Type 3-7 (3) (6)  | Arduous                      | Yes                                  | Yes  |
| Shop Trucks   | No                           | Yes                                  | Yes  |
| Fuel Tender   | No                           | Yes/No (2)                           | No   |
| Ambulances (6)  | No                           | Yes                                  | Yes  |
| Professional Fallers (1)  | Light                        | Yes                                  | Yes  |
| “C” Certified Fallers (6)   | Arduous                      | Yes                                  | Yes  |
| Gray water  | No                           | Yes/No (2)                           | Yes/No (2)                                 |
| Potable water truck   | No                           | Yes/No (2)                           | Yes/No (2)                                 |
| Support Positions   | No                           | Yes/No (2)                           | Yes/No (2)                                 |
| Weed Wash Stations  | No                           | Yes /No (2)                          | Yes /No (2)                                |
| Misc. Support Trailers  | No                           | Yes /No (2)                          | Yes /No (2)                                |

\*Only Support Water Tenders are utilized in the Northern Rockies. The NR Operations Committee has determined Tactical Water Tenders are not needed in the Geographic Area.

**Training providers:** [http://www.fs.fed.us/r1/fire/nrcg/training\\_mou\\_index.htm](http://www.fs.fed.us/r1/fire/nrcg/training_mou_index.htm)

- (1) A fireline qualified person must accompany position(s) on fireline activity.
- (2) On a case-by-case basis, some situations may require PPE and the annual refresher. If not staying in camp, refer to Host Agency Operating Guidelines for requirements.
- (3) Engines are required to have a NWCG 310-1 Qualified Single Resource Boss (Engine) and one FFT2 at a minimum.
- (4) NFPA 1001 & NFPA 1051 or equivalent training required.
- (5) Annual Fireline Safety Refresher Training (RT-130) is required for all personnel participating in fire suppression activities who may be subject to assignments on the fireline; for example, technical specialists, bus drivers and ground support personnel delivering resources to the fireline. The minimum requirement is four (4) hours for Contract Resources and up to eight (8) hours, depending on the hiring agency for Casual employees. Refresher training shall minimally consist of fire shelter purpose and use, practice deployments, and any pertinent fire safety related topics, such as: Fire Orders and Watch-Out Situations; Lookouts, Communications, Escape Routes, and Safety Zones(LCES); Look Up, Look Down, and Look Around: and SAFENET at [www.nifc.gov](http://www.nifc.gov)
- (6) Homeland Security / FEMA (IS-700a and/or IS-800) Training Requirements for private sector first responder personnel.

## **28 – Exhibit 25**

### **AFTERMARKET EQUIPMENT CERTIFICATION** (revised February 22, 2010)

#### **ORIGINAL EQUIPMENT**

Name of Contractor: \_\_\_\_\_  
Description and Model: \_\_\_\_\_  
Serial Number: \_\_\_\_\_  
Operating Limitations: \_\_\_\_\_  
\_\_\_\_\_

#### **AFTERMARKET EQUIPMENT**

Description and Model: \_\_\_\_\_  
Serial Number: \_\_\_\_\_  
(Owner shall assign Serial Number if none is available – stamped on metal)  
Tank Capacity: \_\_\_\_\_ Gallons \_\_\_\_\_  
(Temporary fillers and spacers are not permitted.)  
Baffles: \_\_\_\_\_

- One longitudinal baffle regardless of width and one transverse baffle at a minimum of every 52"
- All baffles must cover 75% of the plane of the tank
- Baffling. The water tanks shall be equipped with partitions that reduce the shifting of the water load. Free Floating Baffle System - baffles which reduce the shifting of the water load AND do not compromise the structural integrity of the originally manufactured tank are acceptable. If a Free Floating Baffle System is used the vendor must submit data sheets which validates that the baffling is sufficient to meet the manufacturer's recommendation.

#### **CERTIFICATION OF AFTERMARKET EQUIPMENT MOUNTED ON ORIGINAL EQUIPMENT (Does Not Exceed Operational Limitations)**

I certify that the addition of the prescribed aftermarket equipment will not exceed the original equipment operating limitations. Affix engineer's stamp or seal below.

Engineer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Engineer Printed Name: \_\_\_\_\_

License No.: \_\_\_\_\_ State: \_\_\_\_\_ Expiration: \_\_\_\_\_

If the individual signing this certification is not an Engineer you are required to complete the continuation sheet on the next page with the additional information requested.

**AFTERMARKET EQUIPMENT CERTIFICATION – Continuation Sheet**  
**(revised February 22, 2010)**

Documentation of Qualification to Certify Aftermarket Equipment  
Form will be kept on file with Aftermarket Certification.

Name of person providing certification: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ E-mail: \_\_\_\_\_

Engineering or other applicable education (include degree and institution): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Past experience in engineering, including design, analysis, manufacturing, testing, etc, if applicable. Attach additional information if needed: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Professional certifications or licenses: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Additional information documenting expertise: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

References: Name and phone number: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Incident Equipment Repair Order

Original = Finance  
Copy = Contractor

☐ Copy in Contractor's OF-304  
☐ Posted to OF-286